

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081318\  
 Data File : BN002310.D  
 Acq On : 13 Aug 2018 17:34  
 Operator : JU/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 13 23:35:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 13 16:41:21 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 165049   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 795593   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 490916   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1148783  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.26 | 240  | 1251711  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.48 | 264  | 1338251  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 29153   | 8.34  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 308626  | 20.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 198552  | 20.89 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 246148  | 21.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 252155  | 20.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 130616  | 20.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 143611  | 21.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 259612  | 21.21 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 281216  | 21.26 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 864016  | 21.23 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.00 | 160 | 1065386 | 21.34 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.53 | 143 | 159257  | 20.70 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.30 | 176 | 742093  | 21.03 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 149314  | 20.41 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 1164448 | 21.22 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.46 | 212 | 1274358 | 21.28 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.34 | 264 | 1465703 | 20.95 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 2) 1,4-Dioxane                 | 3.27  | 88  | 30747  | 8.219  | ng/uL# | 93  |
| 4) Benzaldehyde                | 6.83  | 77  | 226258 | 21.762 | ng/ul  | 96  |
| 6) Phenol                      | 6.88  | 94  | 318524 | 20.667 | ng/ul  | 94  |
| 8) Bis(2-Chloroethyl)ether     | 7.11  | 93  | 250776 | 21.404 | ng/ul# | 88  |
| 10) 2-Chlorophenol             | 7.25  | 128 | 245134 | 21.123 | ng/ul# | 90  |
| 11) 2-Methylphenol             | 8.12  | 108 | 242086 | 20.813 | ng/ul  | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 413357 | 21.303 | ng/ul# | 86  |
| 14) Acetophenone               | 8.49  | 105 | 416227 | 21.519 | ng/ul# | 91  |
| 15) N-Nitroso-di-n-propylamine | 8.48  | 70  | 221912 | 21.743 | ng/ul# | 85  |
| 16) 4-Methylphenol             | 8.44  | 108 | 265647 | 20.993 | ng/ul  | 100 |
| 17) Hexachloroethane           | 8.74  | 117 | 101840 | 20.949 | ng/ul  | 98  |
| 20) Nitrobenzene               | 8.86  | 77  | 319266 | 21.066 | ng/ul  | 93  |
| 21) Isophorone                 | 9.39  | 82  | 624716 | 21.383 | ng/ul  | 98  |
| 23) 2-Nitrophenol              | 9.57  | 139 | 151237 | 21.605 | ng/ul  | 89  |
| 24) 2,4-Dimethylphenol         | 9.63  | 107 | 306678 | 21.364 | ng/ul  | 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.87  | 93  | 362741 | 21.074 | ng/ul  | 99  |
| 27) 2,4-Dichlorophenol         | 10.10 | 162 | 251267 | 21.205 | ng/ul  | 97  |
| 28) Naphthalene                | 10.50 | 128 | 853325 | 20.846 | ng/ul  | 100 |
| 30) 4-Chloroaniline            | 10.61 | 127 | 285819 | 21.372 | ng/ul  | 100 |
| 31) Hexachlorobutadiene        | 10.78 | 225 | 154859 | 20.761 | ng/ul  | 97  |
| 32) Caprolactam                | 11.36 | 113 | 95663  | 21.490 | ng/ul# | 58  |
| 33) 4-Chloro-3-methylphenol    | 11.75 | 107 | 291528 | 21.380 | ng/ul  | 99  |
| 34) 2-Methylnaphthalene        | 12.12 | 142 | 631987 | 20.918 | ng/ul  | 99  |

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 Acq On : 13 Aug 2018 17:34  
 Operator : JU/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

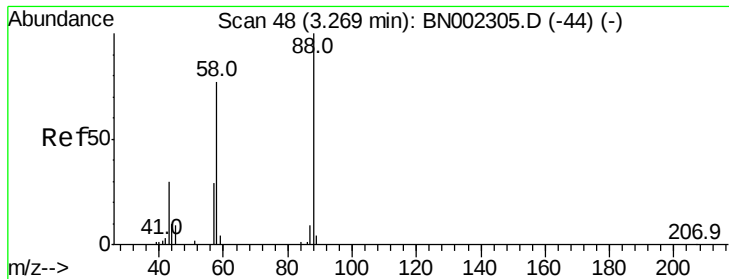
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 13 23:35:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 13 16:41:21 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216  | 311663   | 20.959 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.47 | 237  | 182541   | 20.209 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.73 | 196  | 200774   | 20.969 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.81 | 196  | 218709   | 21.347 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.14 | 154  | 823654   | 20.959 | ng/ul  | 100      |
| 41) 2-Chloronaphthalene        | 13.18 | 162  | 644491   | 21.038 | ng/ul  | 96       |
| 42) 2-Nitroaniline             | 13.39 | 65   | 212883   | 21.819 | ng/ul# | 80       |
| 44) Dimethylphthalate          | 13.77 | 163  | 848591   | 21.261 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.89 | 165  | 175922   | 21.816 | ng/ul  | 95       |
| 47) Acenaphthylene             | 14.03 | 152  | 1005308  | 21.150 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.22 | 138  | 166561   | 21.709 | ng/ul  | 92       |
| 49) Acenaphthene               | 14.37 | 153  | 705435   | 21.040 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.43 | 184  | 94682    | 19.625 | ng/ul# | 1        |
| 52) 4-Nitrophenol              | 14.54 | 109  | 122745   | 21.052 | ng/ul# | 88       |
| 53) Dibenzofuran               | 14.71 | 168  | 991876   | 20.969 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.69 | 165  | 265619   | 21.847 | ng/ul# | 87       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 192166   | 21.481 | ng/ul# | 97       |
| 56) Diethylphthalate           | 15.15 | 149  | 861400   | 21.153 | ng/ul  | 99       |
| 58) Fluorene                   | 15.36 | 166  | 817491   | 21.124 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.36 | 204  | 401503   | 21.020 | ng/ul  | 95       |
| 60) 4-Nitroaniline             | 15.39 | 138  | 208082   | 20.986 | ng/ul  | 96       |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 156993   | 20.807 | ng/ul  | 99       |
| 64) N-Nitrosodiphenylamine     | 15.57 | 169  | 715007   | 21.300 | ng/ul  | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.26 | 248  | 248760   | 21.226 | ng/ul  | 91       |
| 66) Hexachlorobenzene          | 16.37 | 284  | 278144   | 21.266 | ng/ul  | 94       |
| 67) Atrazine                   | 16.53 | 200  | 260522   | 21.228 | ng/ul  | 96       |
| 68) Pentachlorophenol          | 16.72 | 266  | 145948   | 19.935 | ng/ul  | 98       |
| 69) Phenanthrene               | 17.10 | 178  | 1326146  | 20.940 | ng/ul  | 99       |
| 71) Anthracene                 | 17.19 | 178  | 1369477  | 21.321 | ng/ul  | 100      |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.10 | 216  | 336391   | 20.942 | ng/ul  | 99       |
| 73) Pentachlorobenzene         | 14.63 | 250  | 315222   | 20.589 | ng/ul  | 99       |
| 74) Carbazole                  | 17.46 | 167  | 1223578  | 21.481 | ng/ul  | 100      |
| 75) Di-n-butylphthalate        | 18.03 | 149  | 1490995  | 21.532 | ng/ul  | 99       |
| 76) Fluoranthene               | 19.12 | 202  | 1561960  | 21.670 | ng/ul  | 97       |
| 79) Pvrene                     | 19.49 | 202  | 1614867  | 21.396 | ng/ul  | 99       |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 695812   | 21.758 | ng/ul  | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 535209   | 21.456 | ng/ul  | 99       |
| 82) Benzo(a)anthracene         | 21.25 | 228  | 1629140  | 21.245 | ng/ul  | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 1036365  | 21.606 | ng/ul  | 98       |
| 84) Chrysene                   | 21.30 | 228  | 1531205  | 21.097 | ng/ul  | 100      |
| 86) Di-n-octyl phthalate       | 22.06 | 149  | 1792956  | 21.082 | ng/ul# | 95       |
| 87) Benzo(b)fluoranthene       | 22.82 | 252  | 1637901  | 20.418 | ng/ul  | 100      |
| 88) Benzo(k)fluoranthene       | 22.86 | 252  | 1626085  | 21.517 | ng/ul  | 100      |
| 90) Benzo(a)pyrene             | 23.39 | 252  | 1587313  | 20.772 | ng/ul  | 98       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.71 | 276  | 1896541  | 20.862 | ng/ul  | 99       |
| 92) Dibenzo(a,h)anthracene     | 25.72 | 278  | 1587818  | 20.892 | ng/ul  | 98       |
| 93) Benzo(g,h,i)perylene       | 26.39 | 276  | 1573051  | 20.738 | ng/ul  | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2

1,4-Dioxane

Concen: 8.219 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampled :

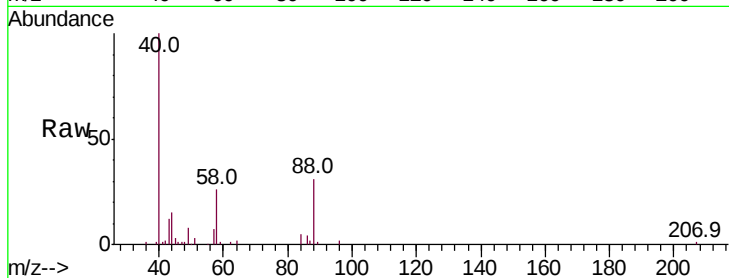
Tot Ion: 88 Resp: 30747

Ion Ratio Lower Upper

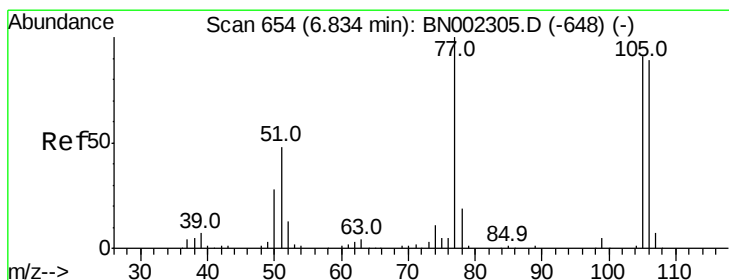
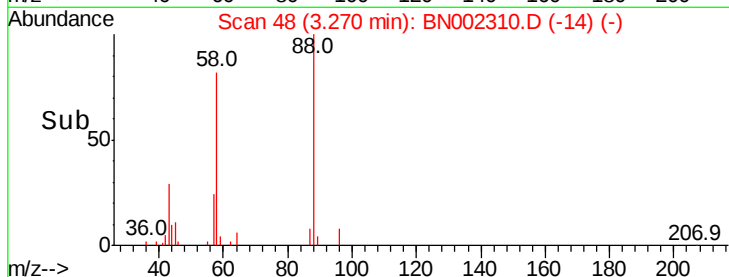
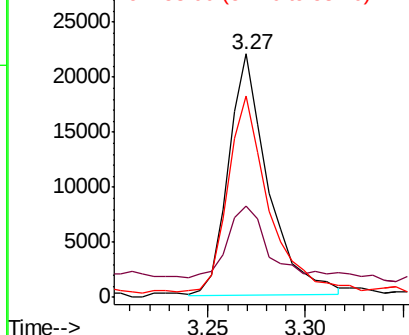
88 100

43 28.2 32.0 48.0#

58 88.4 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN0  
Ion 43.00 (42.70 to 43.70): BN0  
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 21.762 ng/uL

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

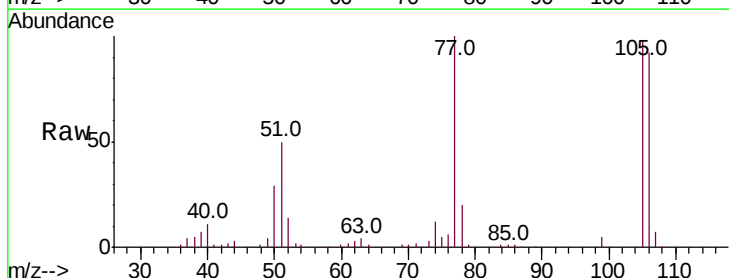
Tgt Ion: 77 Resp: 226258

Ion Ratio Lower Upper

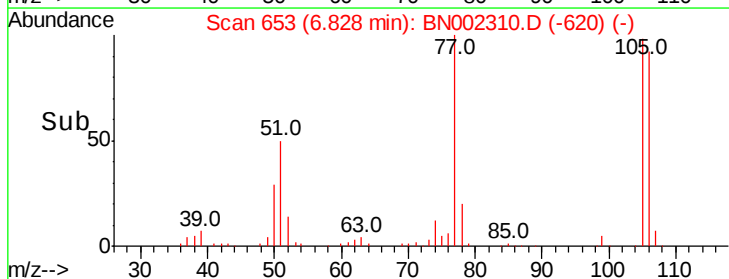
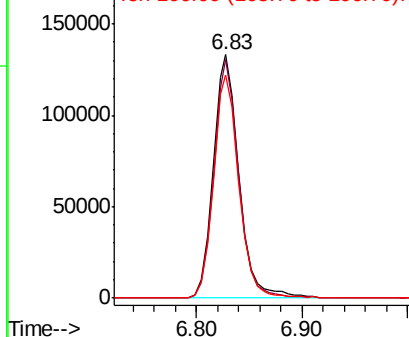
77 100

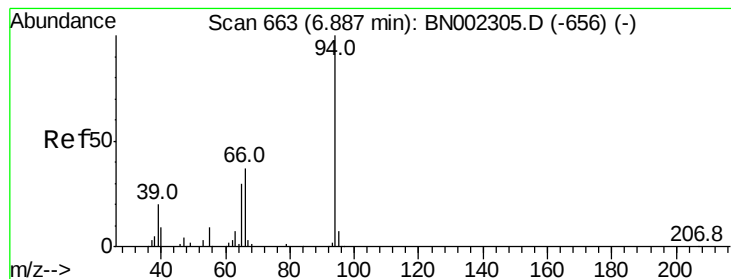
105 98.0 80.6 120.8

106 91.6 77.7 116.5



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 105.00 (104.70 to 105.70): BN0  
Ion 106.00 (105.70 to 106.70): BN0





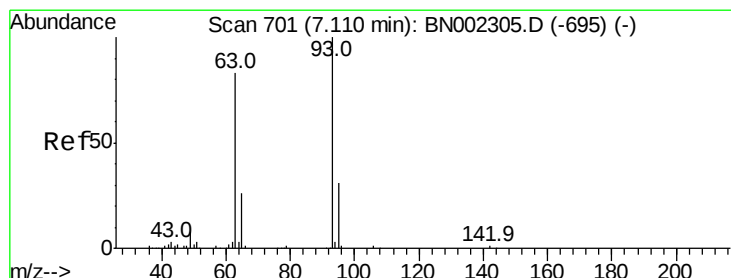
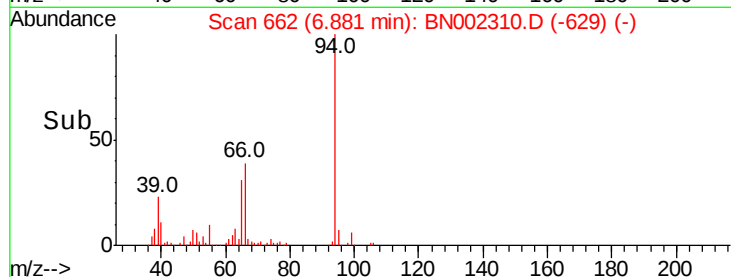
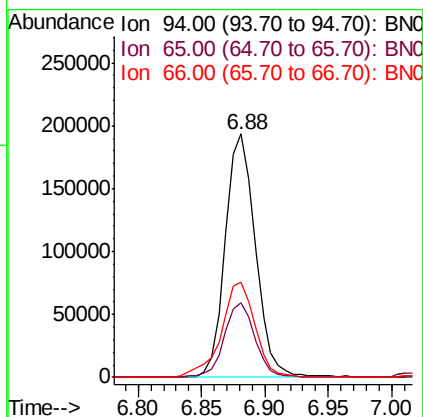
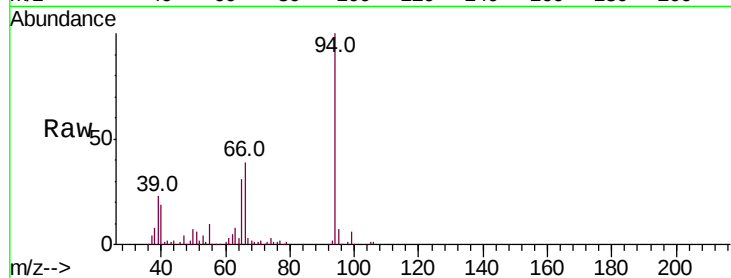
#6

Phenol

Concen: 20.667 ng/ul  
 RT: 6.88 min Scan# 662  
 Delta R.T. -0.01 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion: 94 Resp: 318524  
 Ion Ratio Lower Upper  
 94 100  
 65 30.8 21.0 31.6  
 66 38.9 29.3 43.9

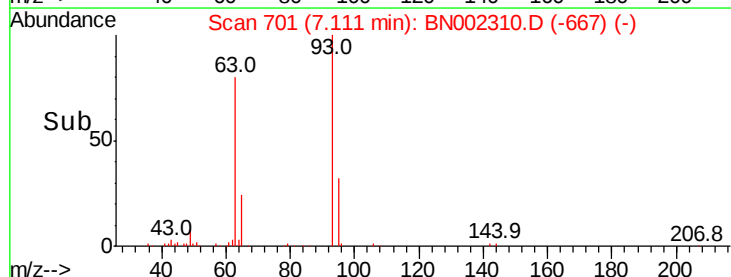
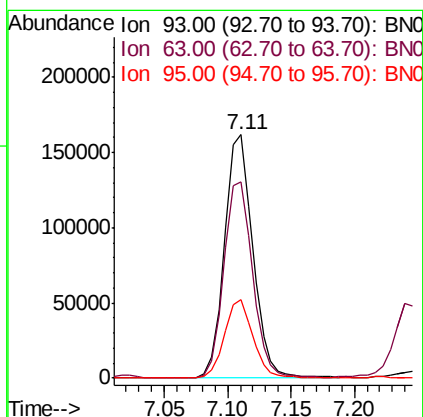
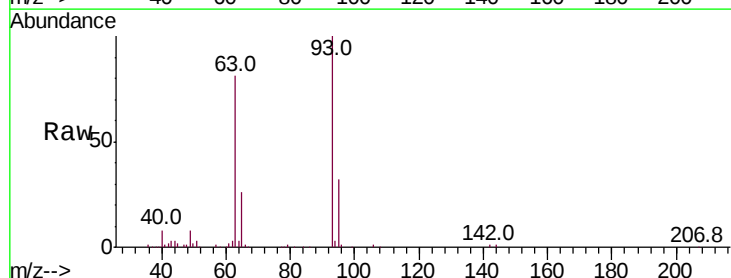


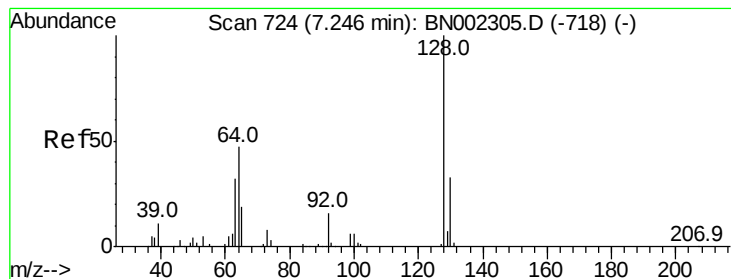
#8

Bis(2-Chloroethyl)ether

Concen: 21.404 ng/ul  
 RT: 7.11 min Scan# 701  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Tgt Ion: 93 Resp: 250776  
 Ion Ratio Lower Upper  
 93 100  
 63 80.6 53.5 80.3#  
 95 32.2 26.2 39.2





#10

2-Chlorophenol

Concen: 21.123 ng/ul

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

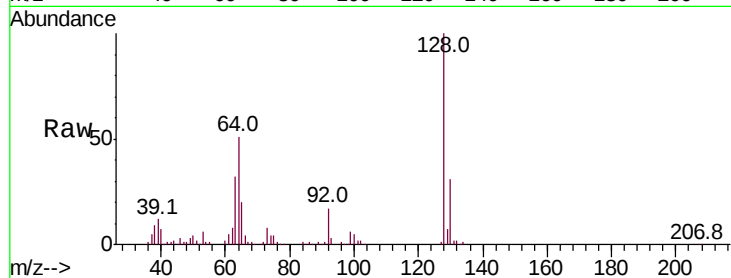
Tot Ion:128 Resp: 245134

Ion Ratio Lower Upper

128 100

64 50.6 31.9 47.9#

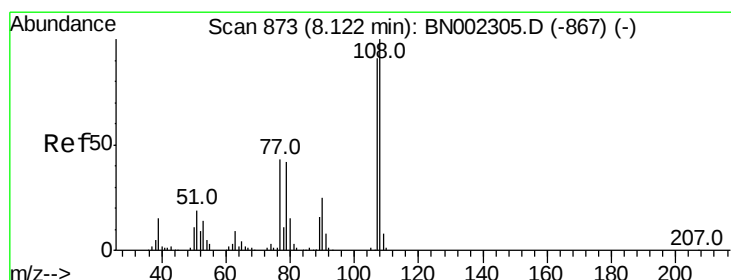
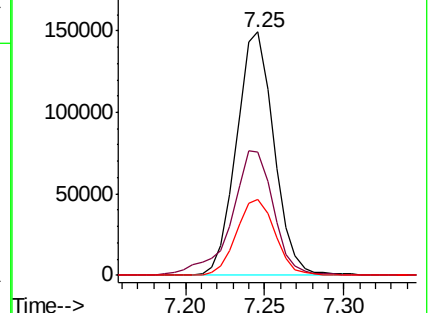
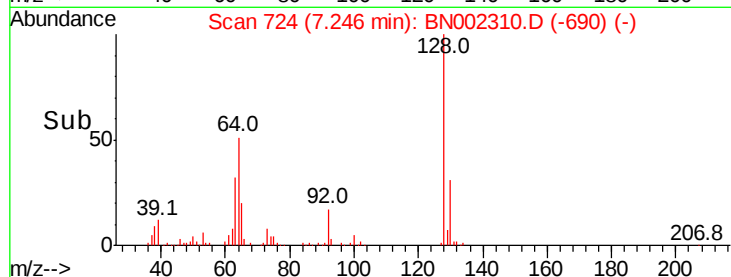
130 31.3 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.813 ng/ul

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BN002310.D

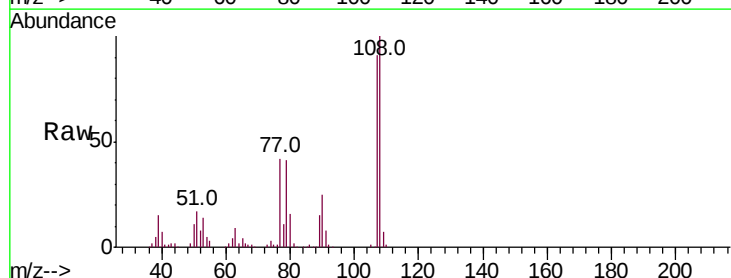
Acq: 13 Aug 2018 17:34

Tgt Ion:108 Resp: 242086

Ion Ratio Lower Upper

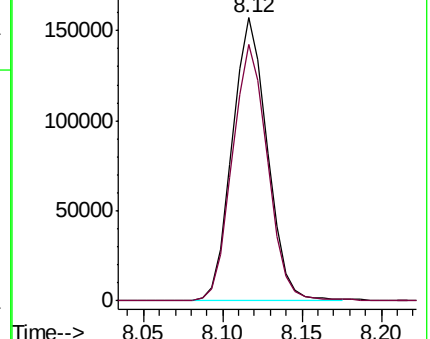
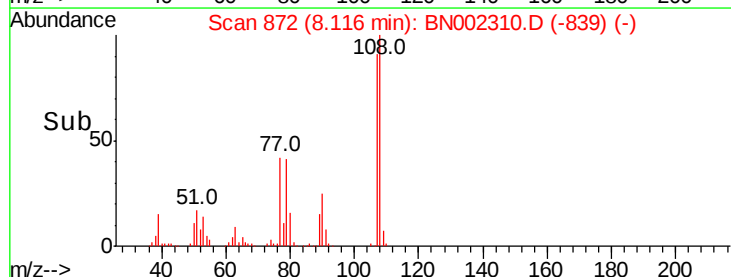
108 100

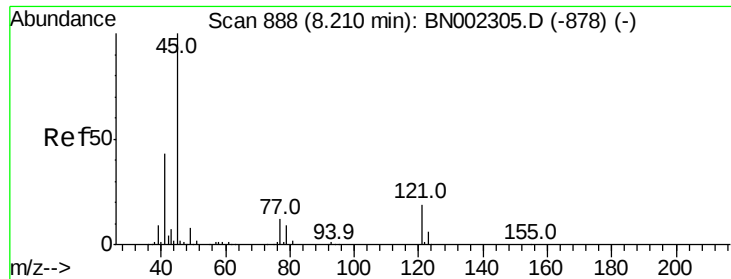
107 90.6 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

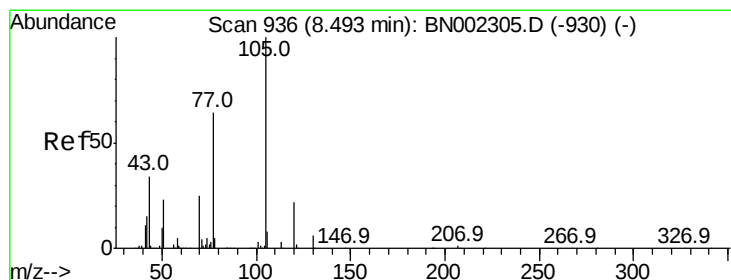
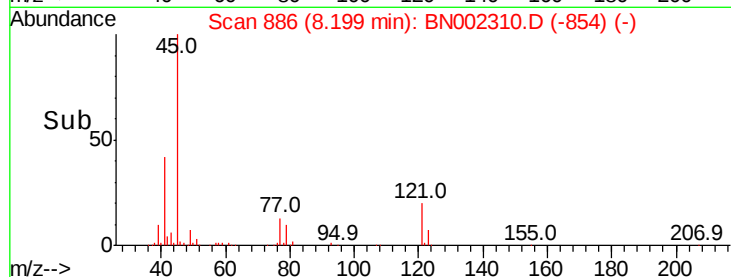
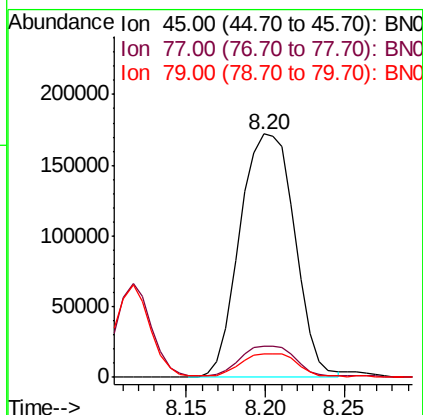
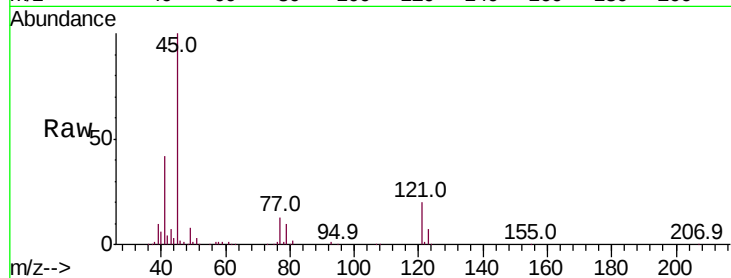




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 21.303 ng/ul  
RT: 8.20 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

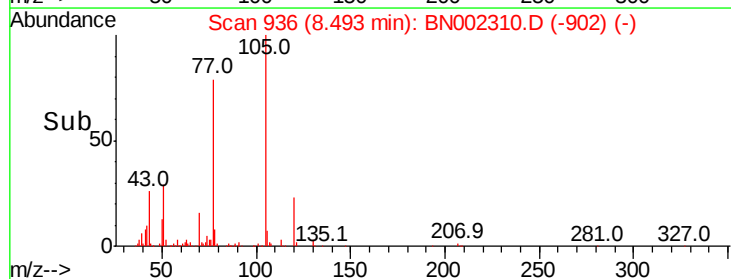
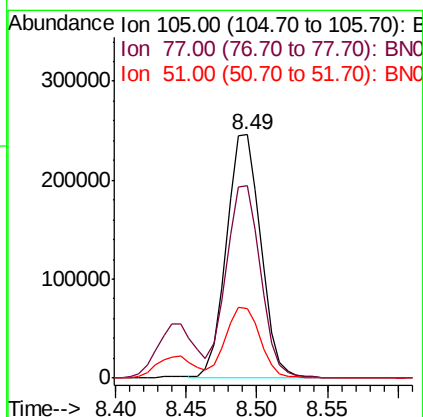
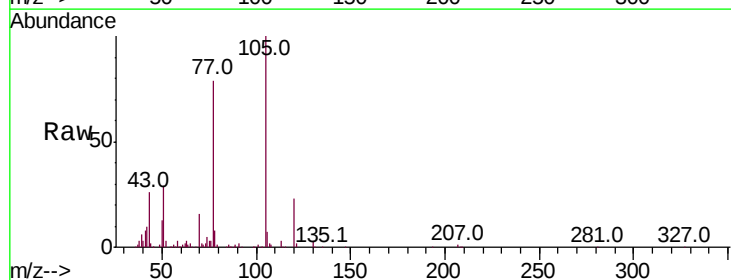
Instrument :  
BNA\_N  
ClientSampleId :

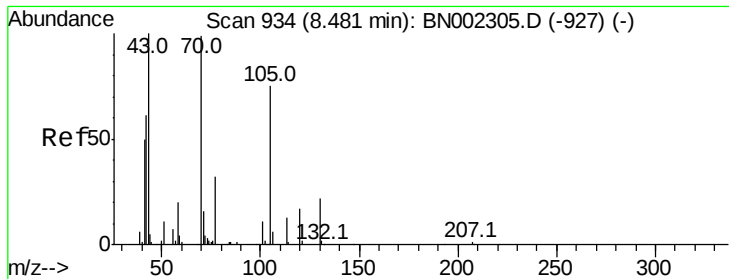
Tot Ion: 45 Resp: 413357  
Ion Ratio Lower Upper  
45 100  
77 13.0 15.9 23.9#  
79 9.8 12.5 18.7#



#14  
Acetophenone  
Concen: 21.519 ng/ul  
RT: 8.49 min Scan# 936  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Tgt Ion:105 Resp: 416227  
Ion Ratio Lower Upper  
105 100  
77 79.2 59.0 88.4  
51 28.8 16.4 24.6#





#15

N-Nitroso-di-n-propylamine

Concen: 21.743 ng/ul

RT: 8.48 min Scan# 933

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 70 Resp: 221912

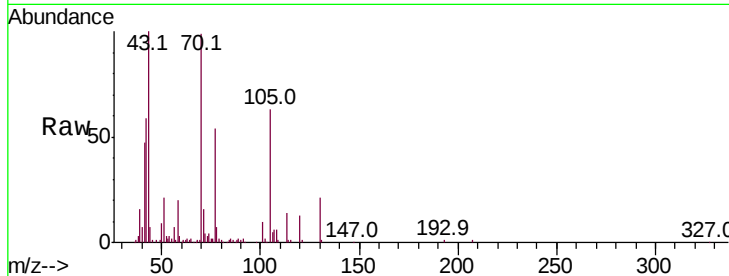
Ion Ratio Lower Upper

70 100

42 59.9 35.4 53.0#

101 9.6 8.4 12.6

130 21.7 18.2 27.4

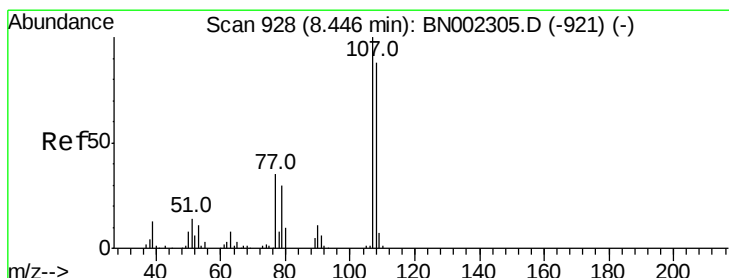
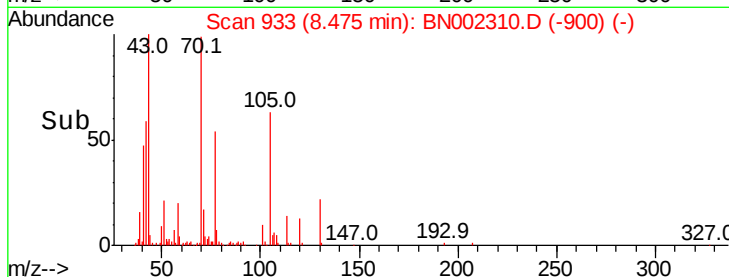
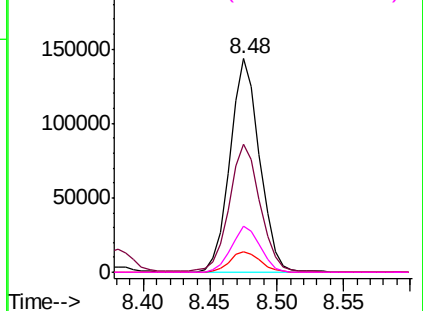


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.993 ng/ul

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BN002310.D

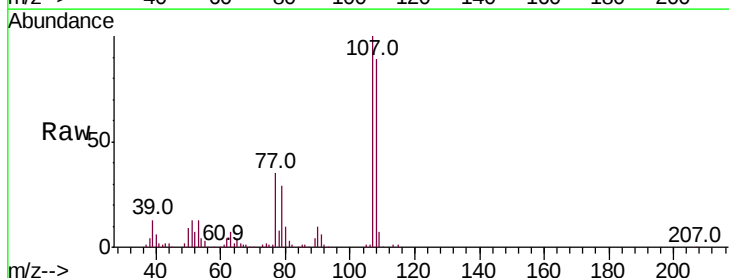
Acq: 13 Aug 2018 17:34

Tgt Ion:108 Resp: 265647

Ion Ratio Lower Upper

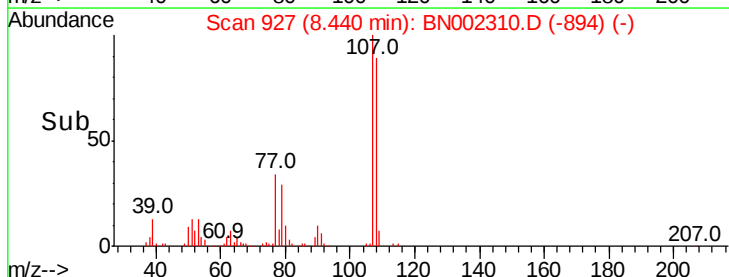
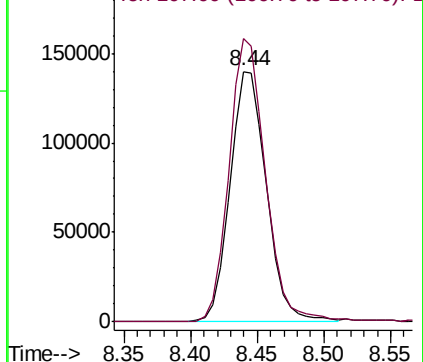
108 100

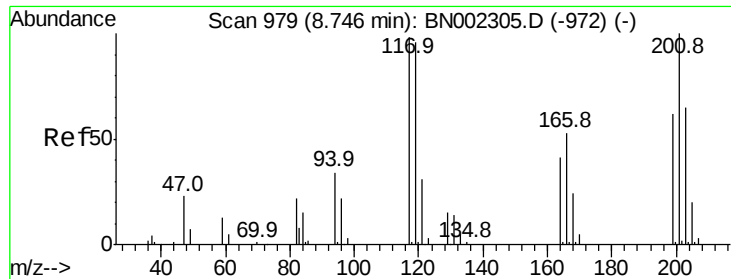
107 113.0 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

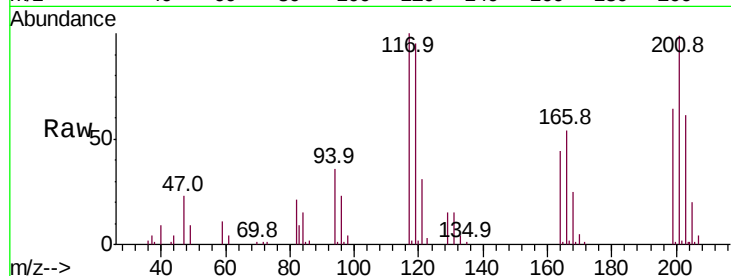




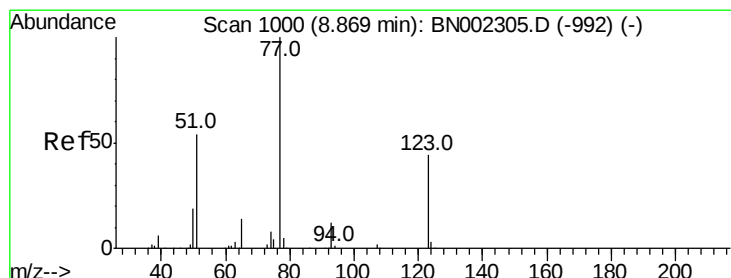
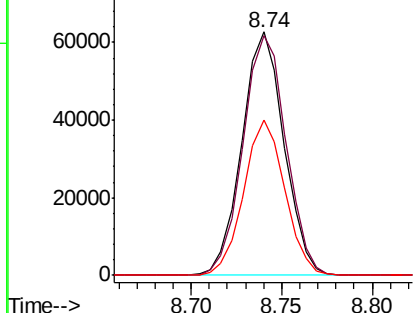
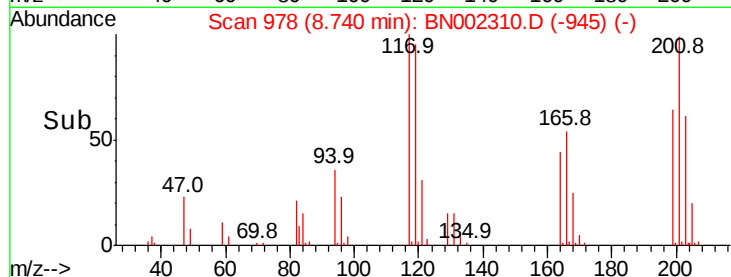
#17  
Hexachloroethane  
Concen: 20.949 ng/ul  
RT: 8.74 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:117 Resp: 101840  
Ion Ratio Lower Upper  
117 100  
201 98.7 81.5 122.3  
199 63.8 50.6 76.0

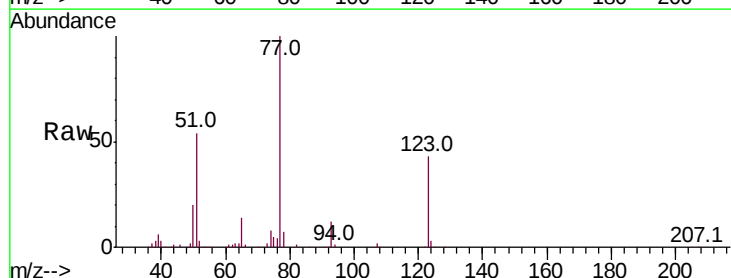


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

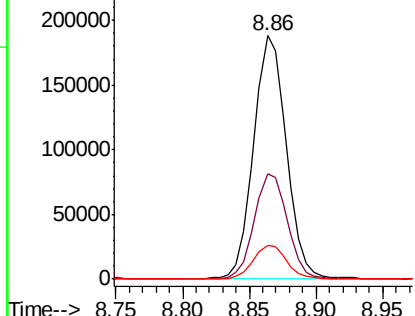
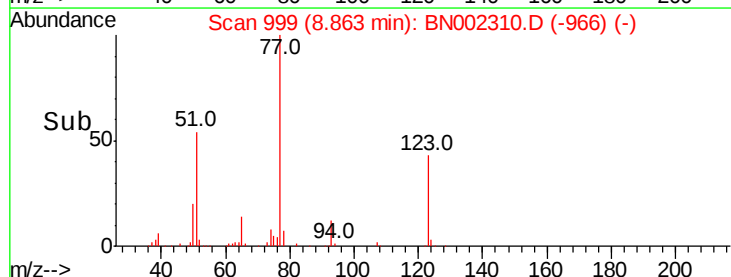


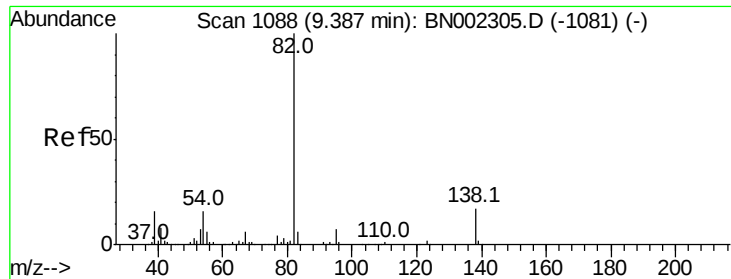
#20  
Nitrobenzene  
Concen: 21.066 ng/ul  
RT: 8.86 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Tgt Ion: 77 Resp: 319266  
Ion Ratio Lower Upper  
77 100  
123 43.0 39.0 58.4  
65 13.7 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BNC  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 21.383 ng/ul

RT: 9.39 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampled :

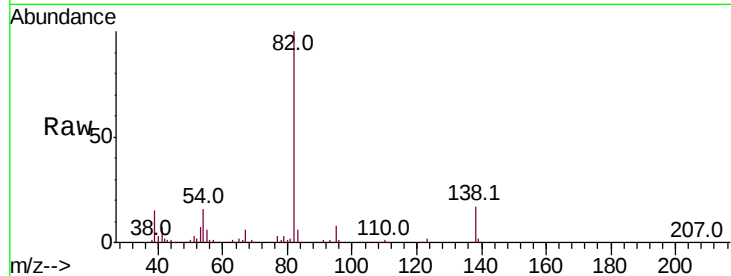
Tot Ion: 82 Resp: 624716

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

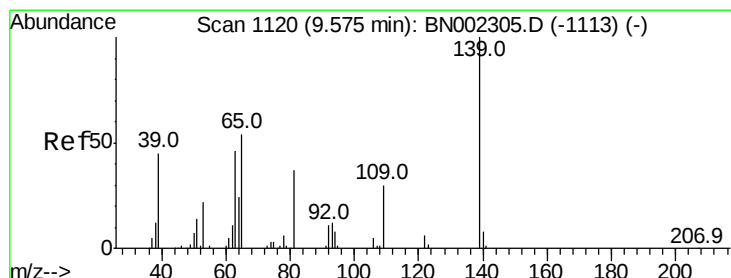
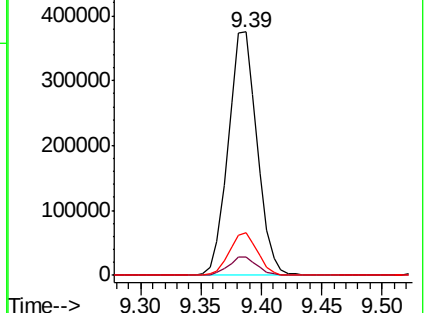
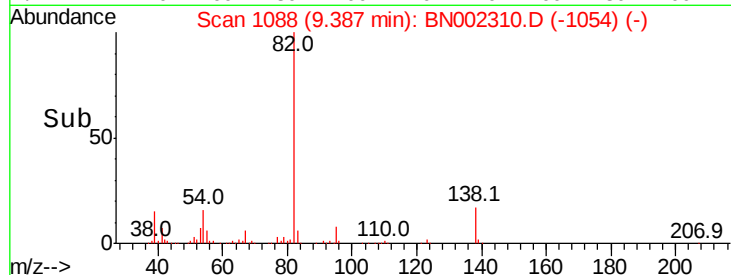
138 17.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BN002310.D (-1054) (-)

Ion 95.00 (94.70 to 95.70): BN002310.D (-1054) (-)

Ion 138.00 (137.70 to 138.70): BN002310.D (-1054) (-)



#23

2-Nitrophenol

Concen: 21.605 ng/ul

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

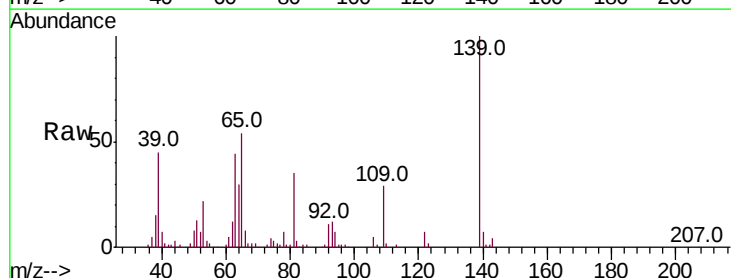
Tgt Ion: 139 Resp: 151237

Ion Ratio Lower Upper

139 100

65 54.4 36.3 54.5

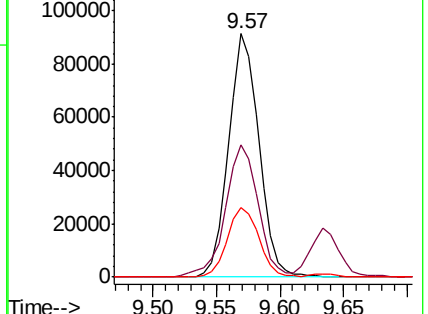
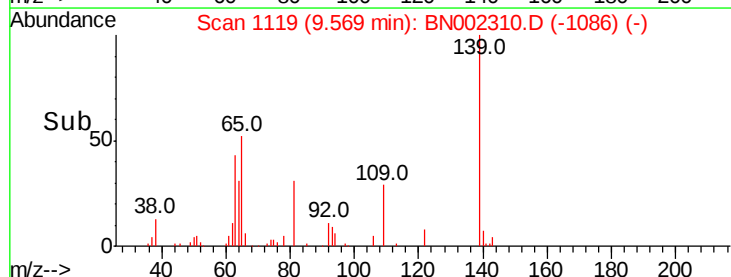
109 28.7 26.4 39.6

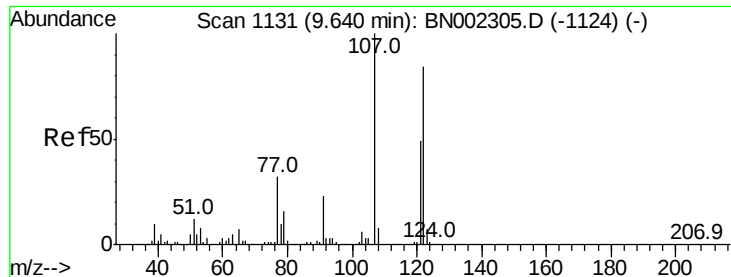


Abundance Ion 139.00 (138.70 to 139.70): BN002310.D (-1086) (-)

Ion 65.00 (64.70 to 65.70): BN002310.D (-1086) (-)

Ion 109.00 (108.70 to 109.70): BN002310.D (-1086) (-)

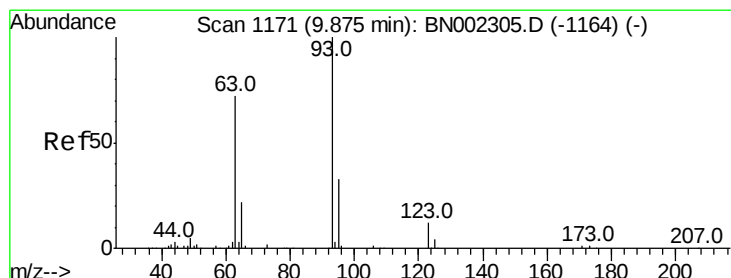
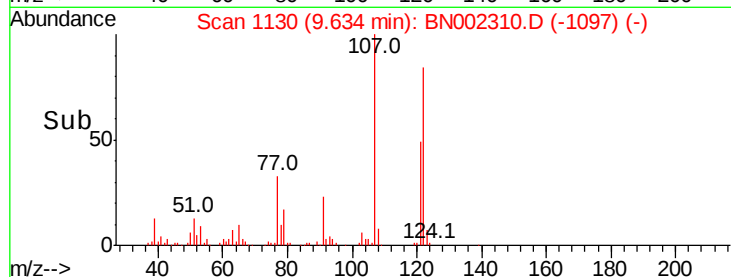
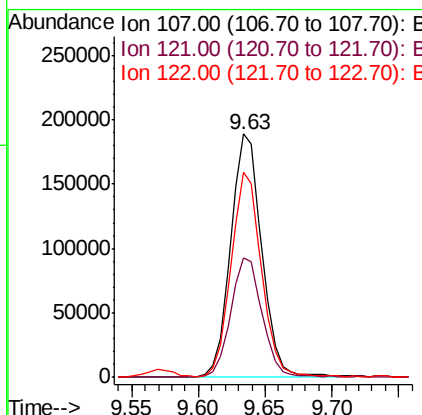
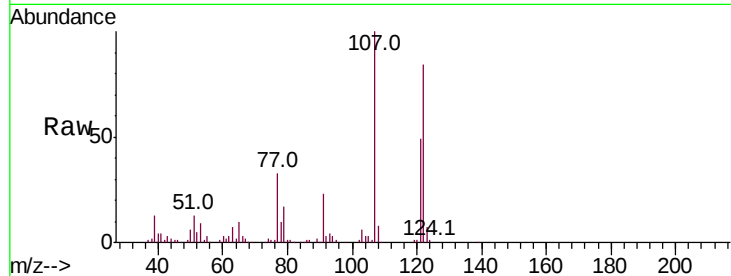




#24  
 2,4-Dimethylphenol  
 Concen: 21.364 ng/ul  
 RT: 9.63 min Scan# 1130  
 Delta R.T. -0.01 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

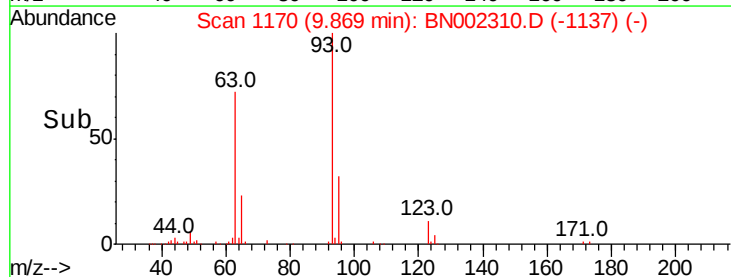
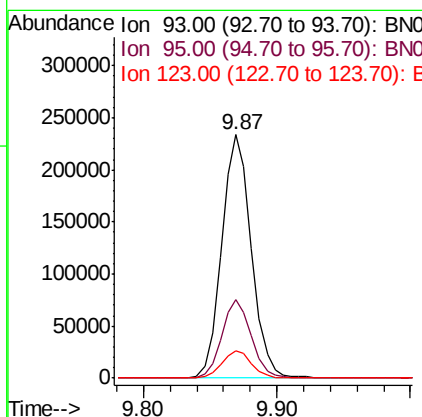
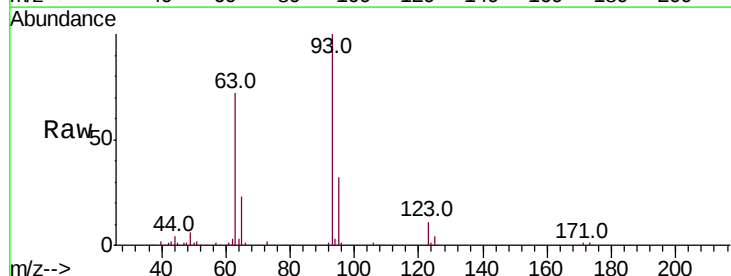
Instrument :  
 BNA\_N  
 ClientSampleId :

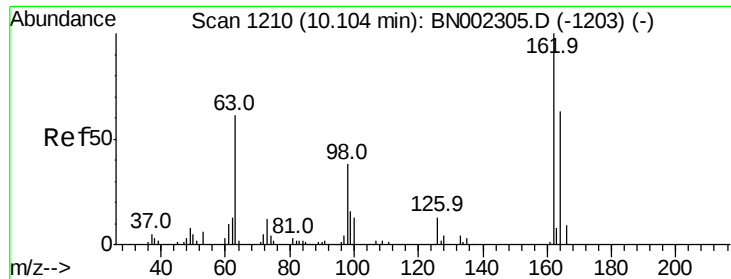
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 49.0  | 40.6  | 61.0  |
| 122     | 84.4  | 67.8  | 101.6 |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 21.074 ng/ul  
 RT: 9.87 min Scan# 1170  
 Delta R.T. -0.01 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 25.8  | 38.8  |
| 123     | 11.0  | 9.8   | 14.8  |

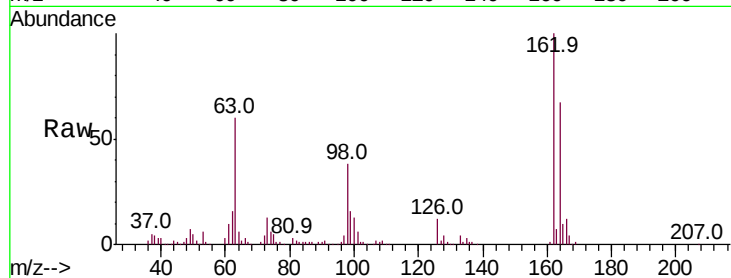




#27  
 2,4-Dichlorophenol  
 Concen: 21.205 ng/ul  
 RT: 10.10 min Scan# 1210  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.8  | 52.1  | 78.1  |
| 98      | 37.9  | 28.4  | 42.6  |

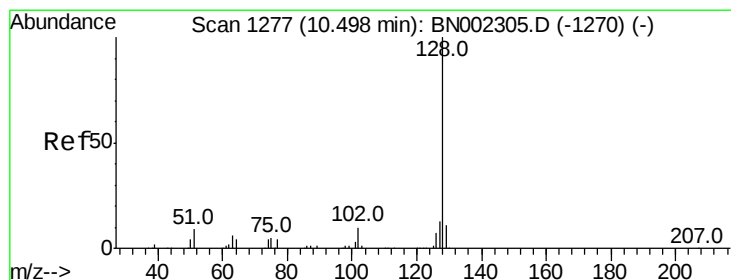
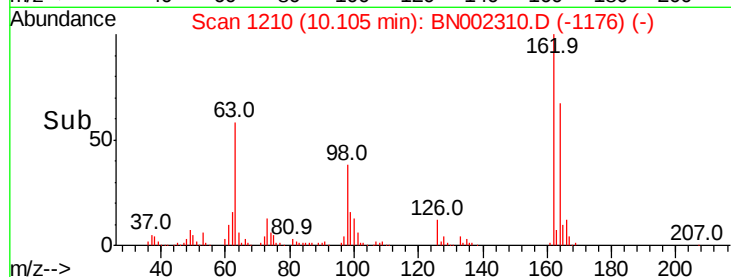
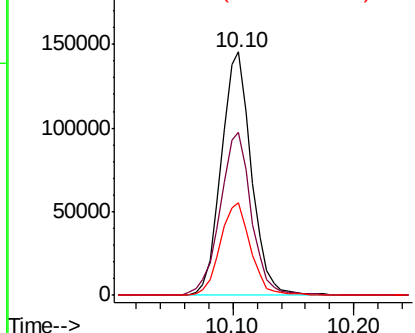


Abundance

Ion 162.00 (161.70 to 162.70): E

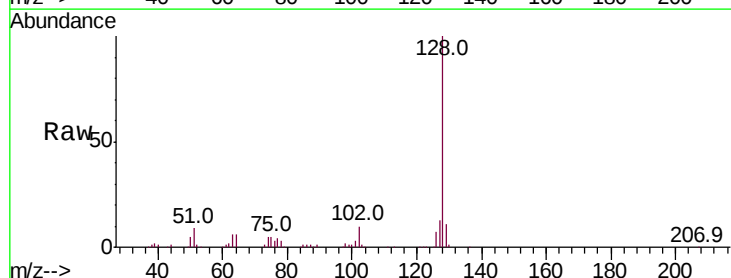
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28  
 Naphthalene  
 Concen: 20.846 ng/ul  
 RT: 10.50 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.8   | 13.2  |
| 127     | 13.1  | 10.5  | 15.7  |

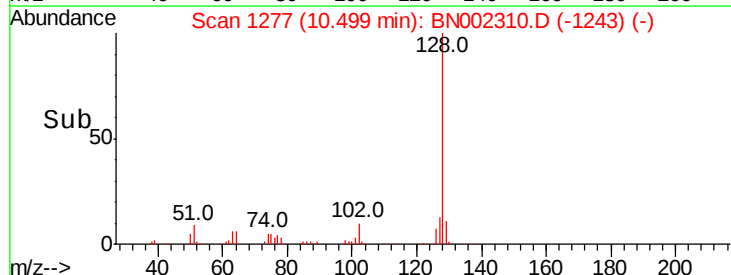
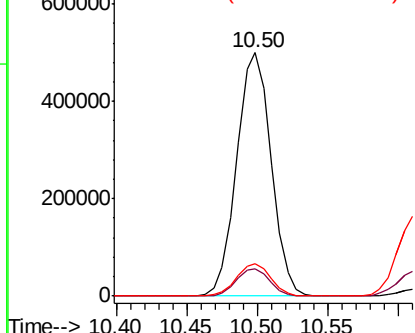


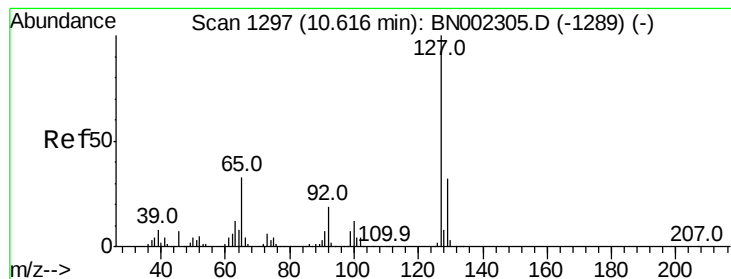
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 21.372 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

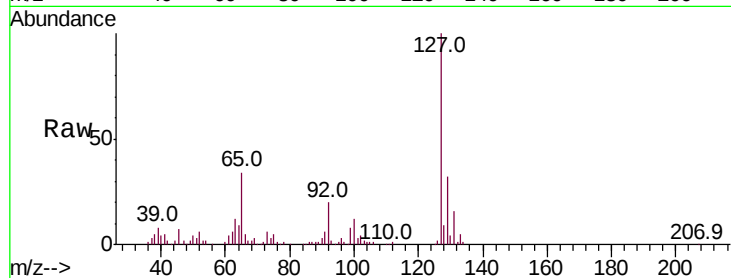
ClientSampleId :

Tot Ion:127 Resp: 285819

Ion Ratio Lower Upper

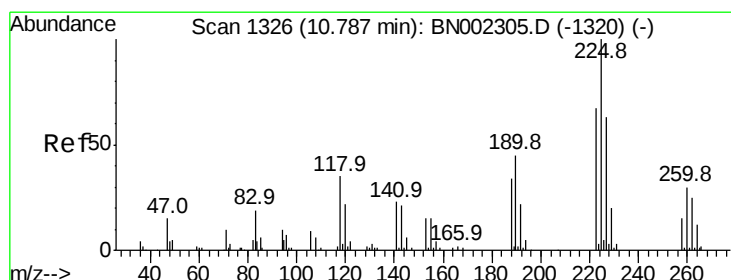
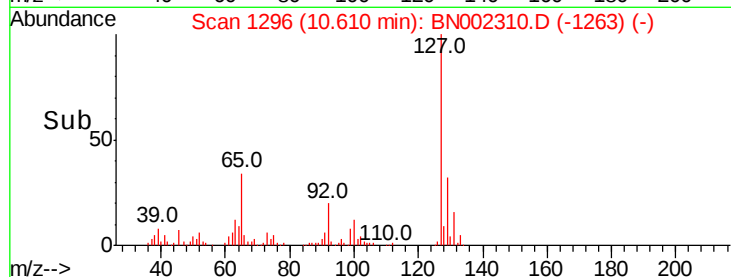
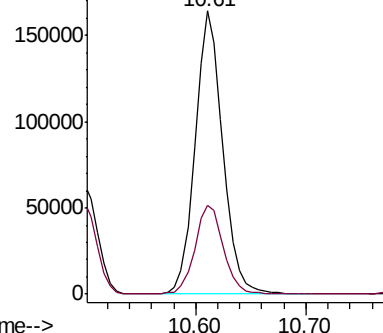
127 100

129 31.6 25.4 38.2



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 20.761 ng/ul

RT: 10.78 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

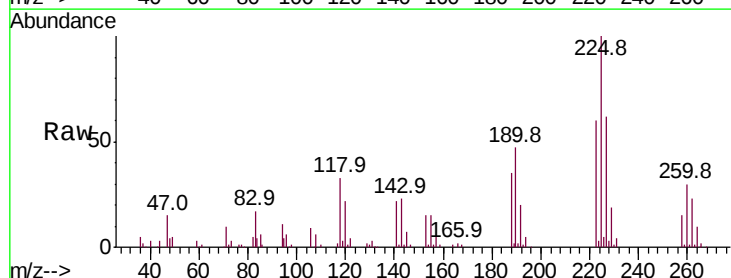
Tgt Ion:225 Resp: 154859

Ion Ratio Lower Upper

225 100

223 60.4 51.4 77.2

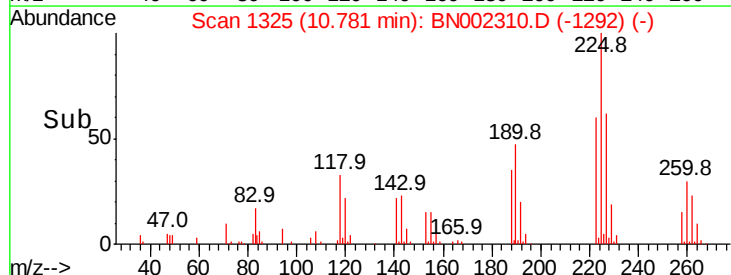
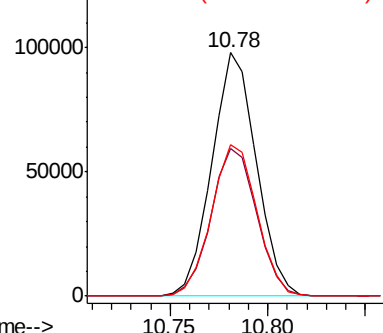
227 62.1 50.7 76.1

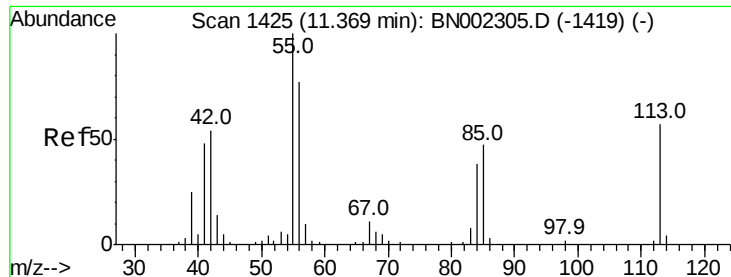


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 21.490 ng/ul

RT: 11.36 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

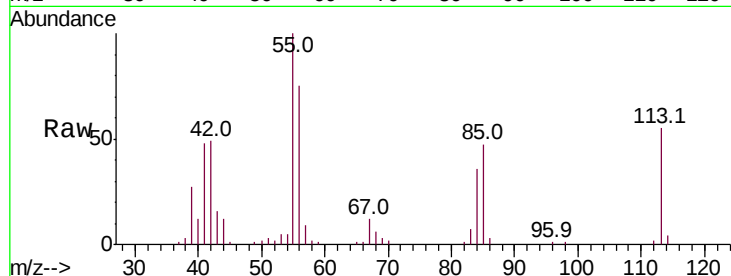
Tot Ion:113 Resp: 95663

Ion Ratio Lower Upper

113 100

55 182.6 101.9 152.9#

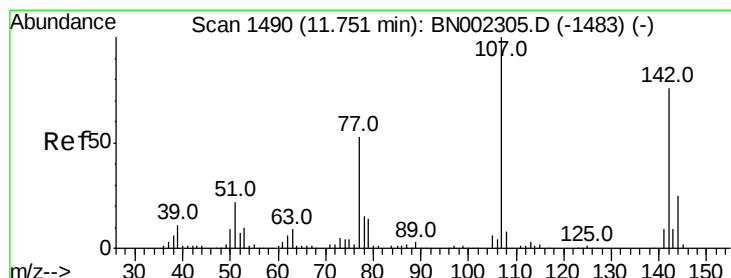
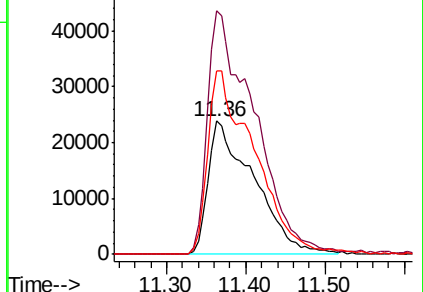
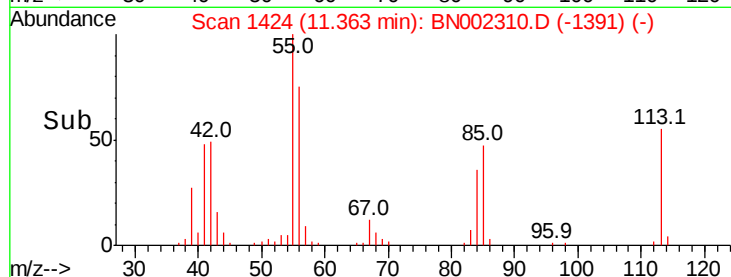
56 137.3 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 21.380 ng/ul

RT: 11.75 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

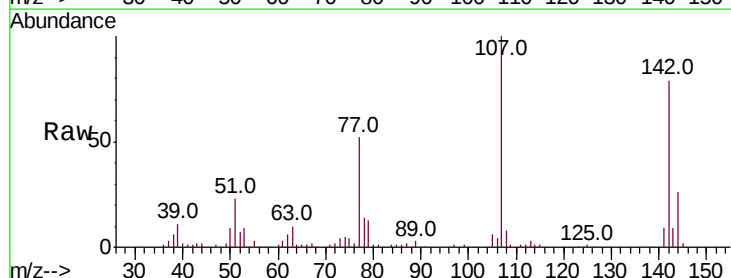
Tgt Ion:107 Resp: 291528

Ion Ratio Lower Upper

107 100

144 25.7 20.4 30.6

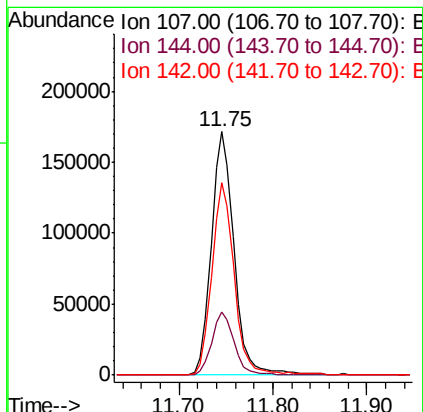
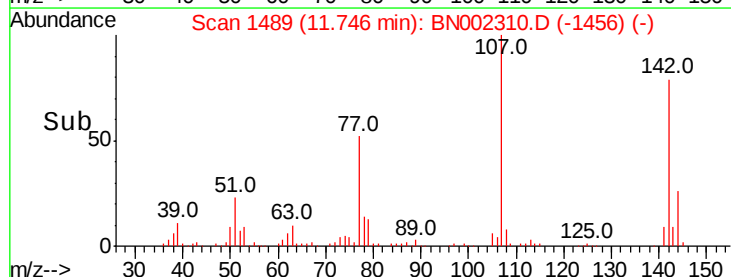
142 78.8 62.5 93.7

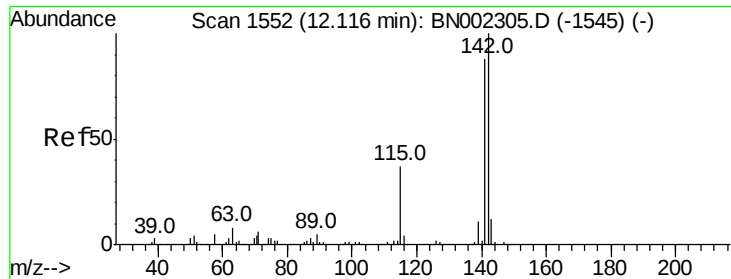


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

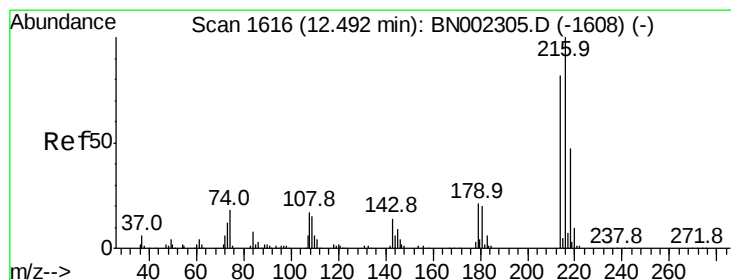
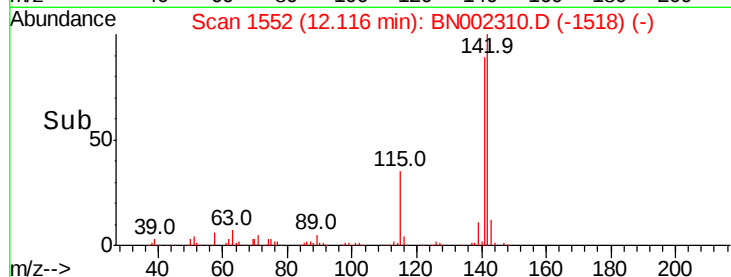
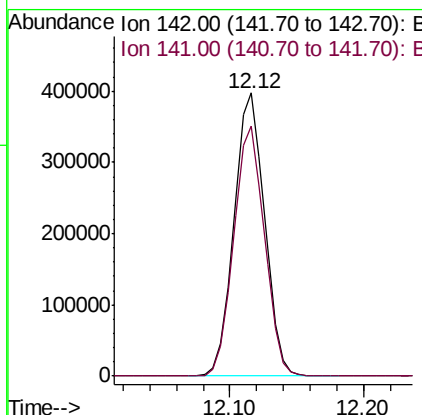
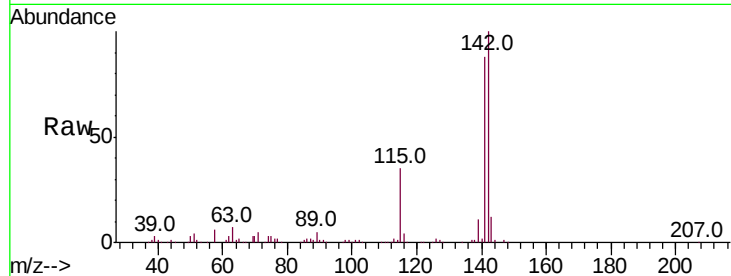




#34  
 2-Methylnaphthalene  
 Concen: 20.918 ng/ul  
 RT: 12.12 min Scan# 1552  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

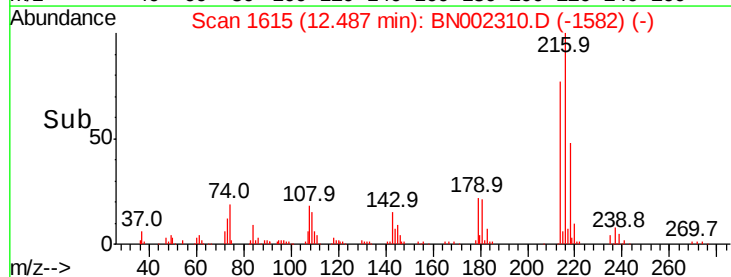
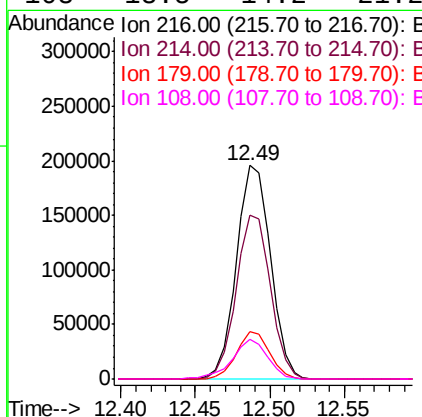
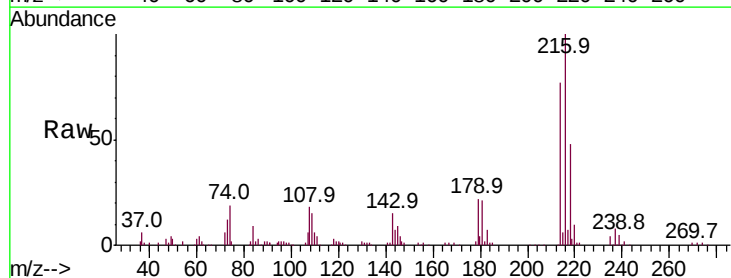
Instrument :  
 BNA\_N  
 ClientSampled :

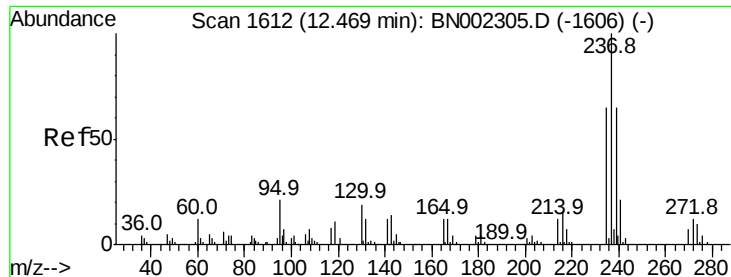
Tot Ion:142 Resp: 631987  
 Ion Ratio Lower Upper  
 142 100  
 141 88.5 71.6 107.4



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.959 ng/ul  
 RT: 12.49 min Scan# 1615  
 Delta R.T. -0.01 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Tgt Ion:216 Resp: 311663  
 Ion Ratio Lower Upper  
 216 100  
 214 76.7 62.5 93.7  
 179 22.1 18.2 27.2  
 108 18.5 14.2 21.2

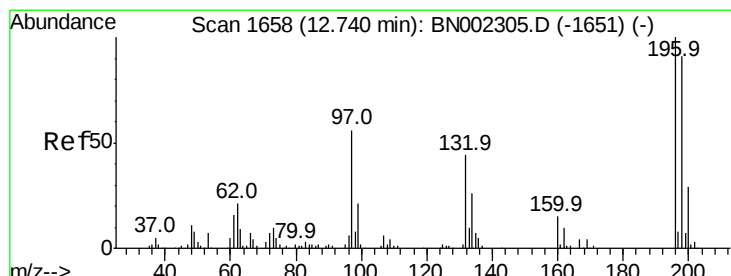
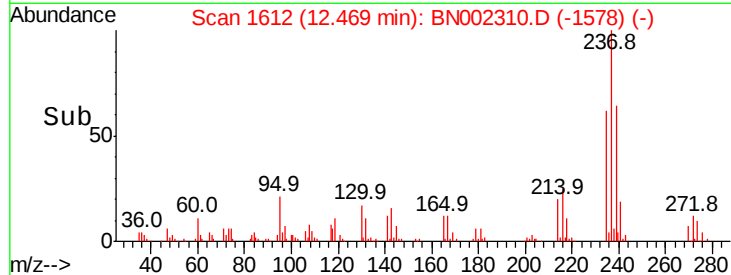
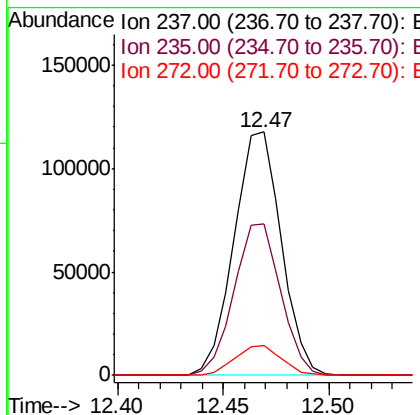
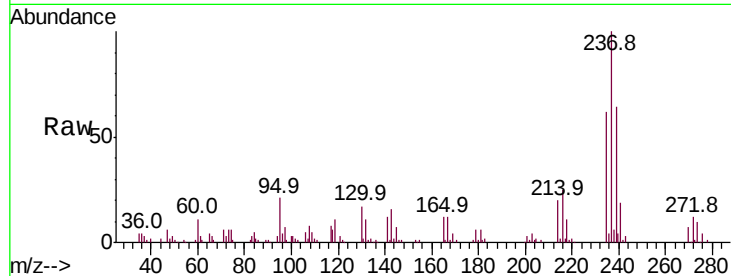




#37  
Hexachlorocyclopentadiene  
Concen: 20.209 ng/ul  
RT: 12.47 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

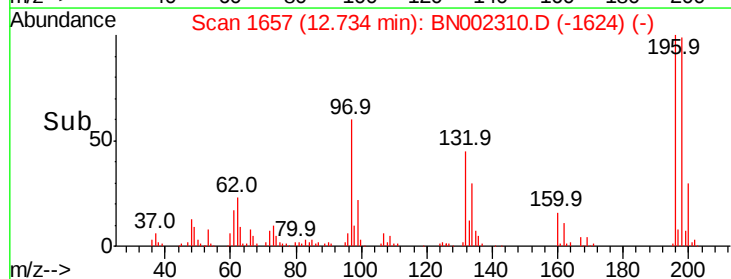
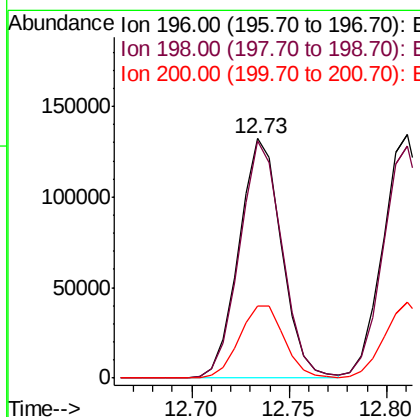
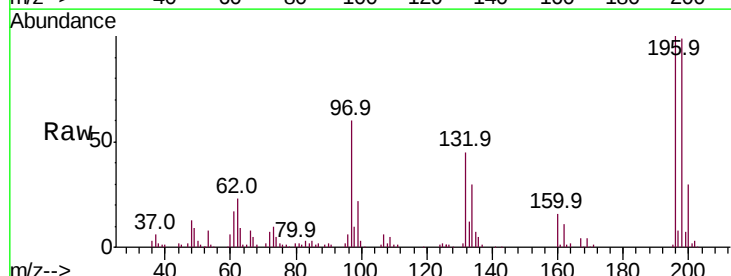
Instrument :  
BNA\_N  
ClientSampleId :

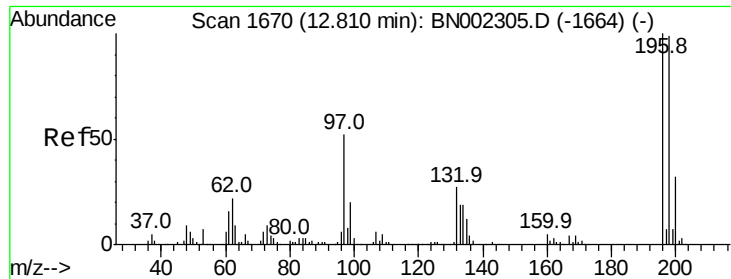
Tot Ion:237 Resp: 182541  
Ion Ratio Lower Upper  
237 100  
235 62.2 50.4 75.6  
272 13.0 9.6 14.4



#38  
2,4,6-Trichlorophenol  
Concen: 20.969 ng/ul  
RT: 12.73 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Tgt Ion:196 Resp: 200774  
Ion Ratio Lower Upper  
196 100  
198 99.2 76.6 114.8  
200 30.2 24.7 37.1

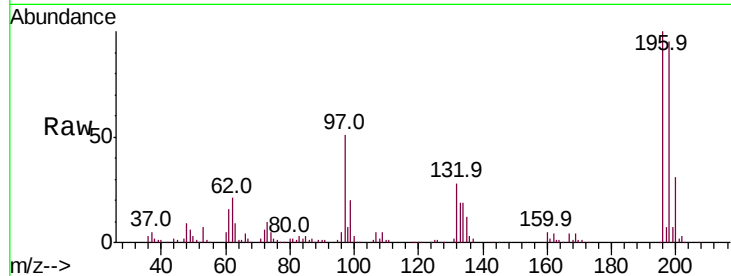




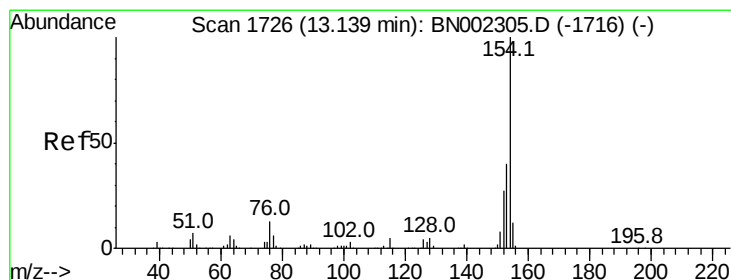
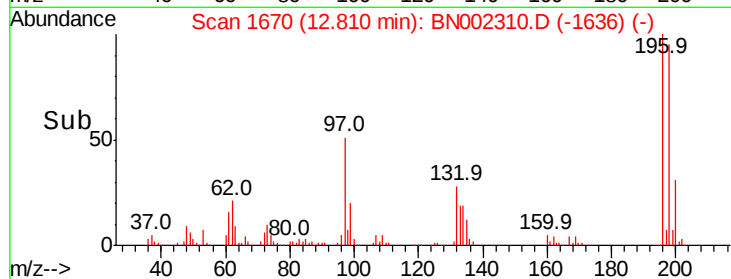
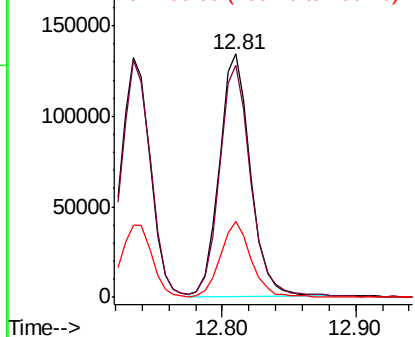
#39  
 2,4,5-Trichlorophenol  
 Concen: 21.347 ng/ul  
 RT: 12.81 min Scan# 1670  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.5  | 76.9  | 115.3 |
| 200     | 31.1  | 25.0  | 37.4  |

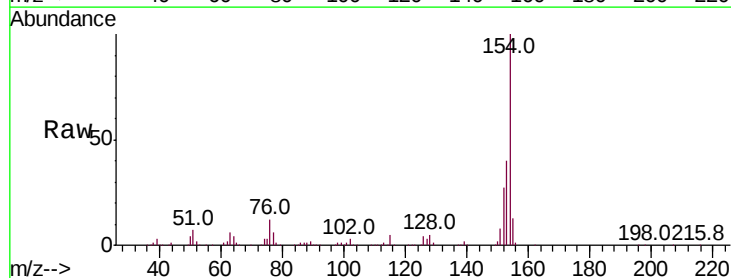


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

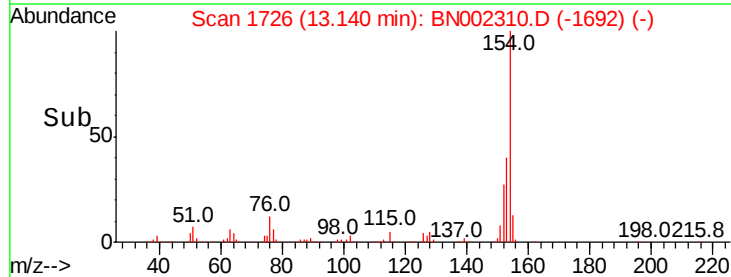
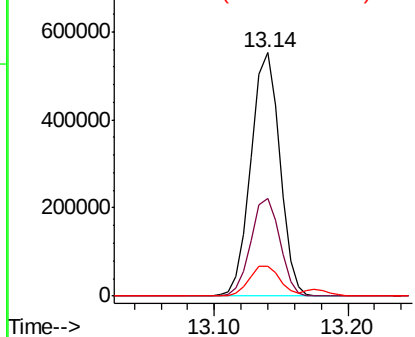


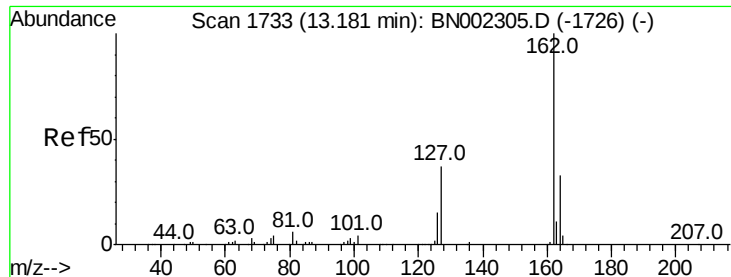
#40  
 1,1'-Biphenyl  
 Concen: 20.959 ng/ul  
 RT: 13.14 min Scan# 1726  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 32.1  | 48.1  |
| 76      | 12.5  | 9.5   | 14.3  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BNO

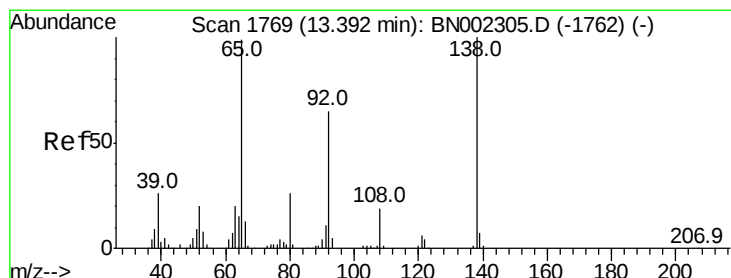
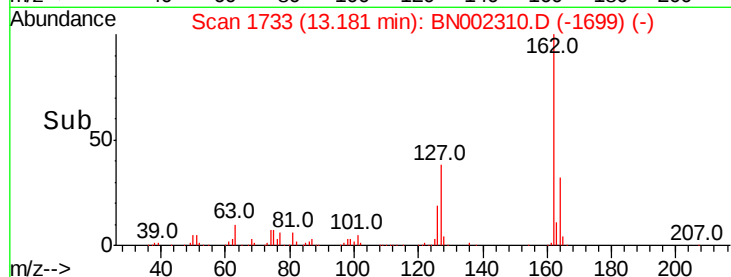
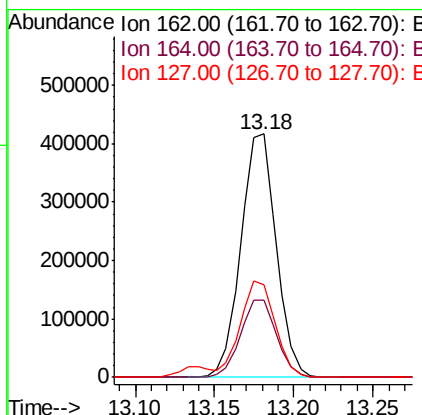
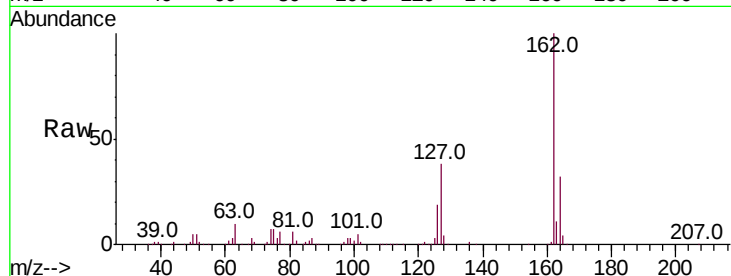




#41  
2-Chloronaphthalene  
Concen: 21.038 ng/ul  
RT: 13.18 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

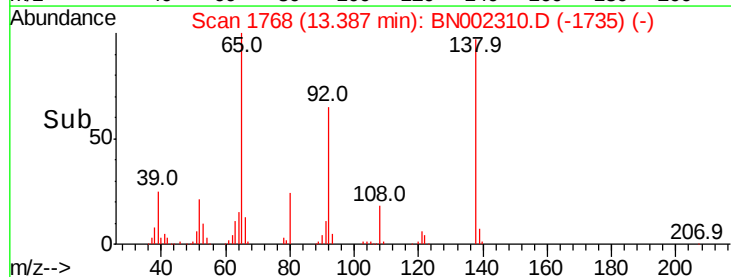
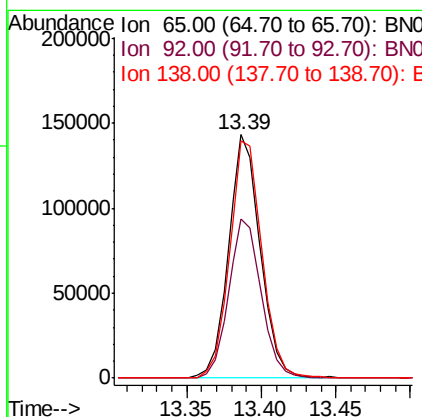
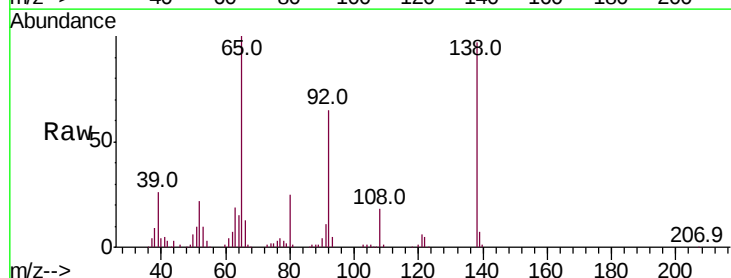
Instrument :  
BNA\_N  
ClientSampled :

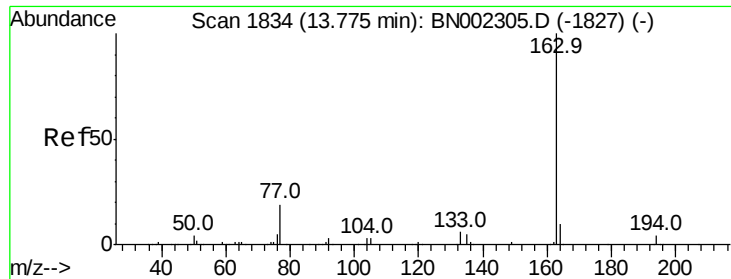
Tot Ion:162 Resp: 644491  
Ion Ratio Lower Upper  
162 100  
164 31.9 25.9 38.9  
127 38.1 34.1 51.1



#42  
2-Nitroaniline  
Concen: 21.819 ng/ul  
RT: 13.39 min Scan# 1768  
Delta R.T. -0.01 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Tgt Ion: 65 Resp: 212883  
Ion Ratio Lower Upper  
65 100  
92 65.2 60.4 90.6  
138 97.3 99.8 149.6#

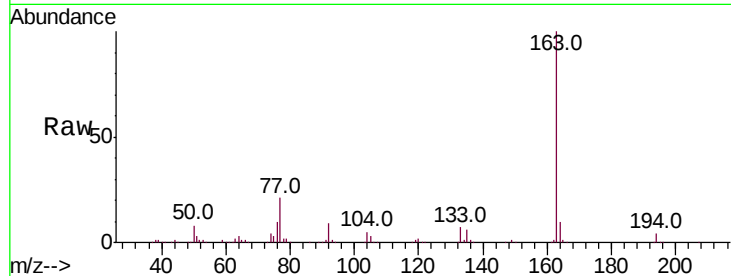




#44  
Dimethylphthalate  
Concen: 21.261 ng/ul  
RT: 13.77 min Scan# 1833  
Delta R.T. -0.01 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.2   | 4.8   |
| 164     | 10.2  | 7.8   | 11.8  |

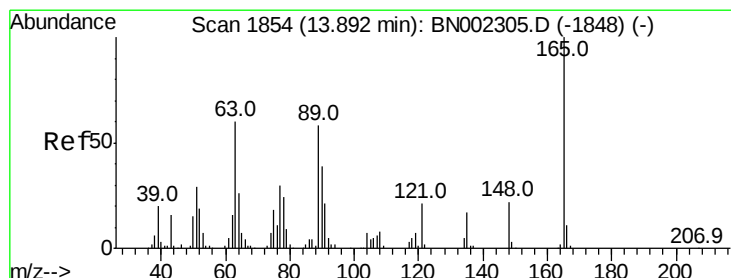
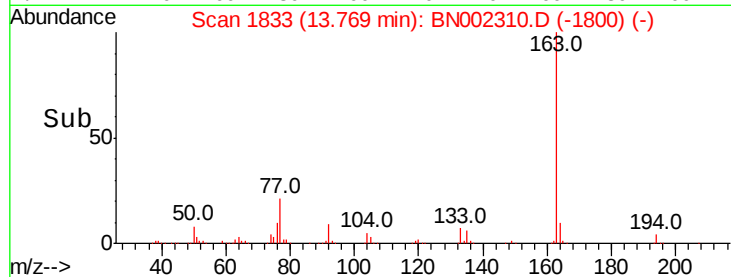
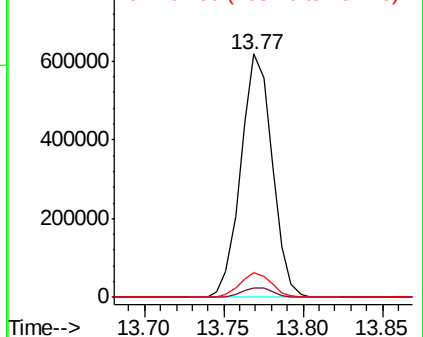


Abundance

Ion 163.00 (162.70 to 163.70): E

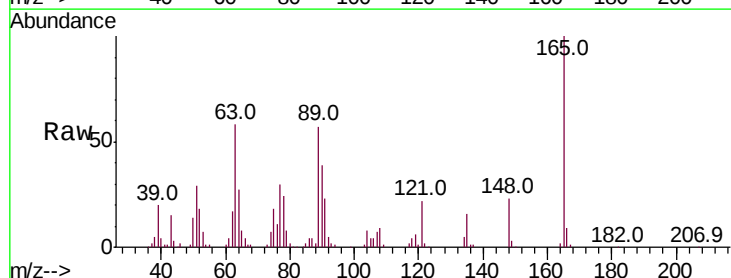
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45  
2,6-Dinitrotoluene  
Concen: 21.816 ng/ul  
RT: 13.89 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 56.9  | 42.4  | 63.6  |
| 121     | 22.4  | 16.6  | 24.8  |

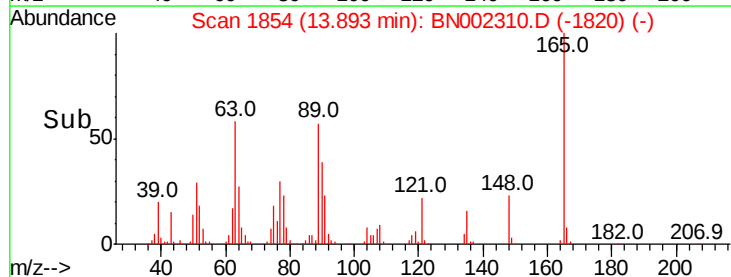
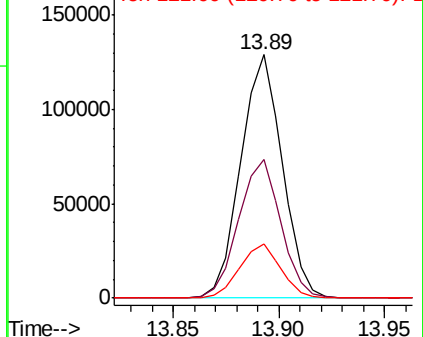


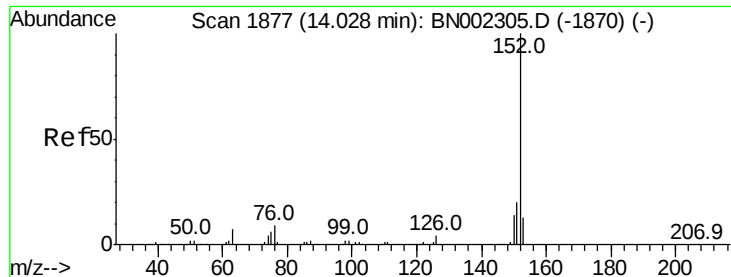
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.150 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

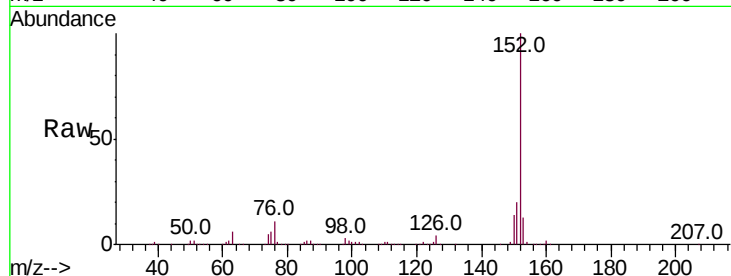
Instrument :

BNA\_N

ClientSampled :

Tot Ion:152 Resp: 1005308

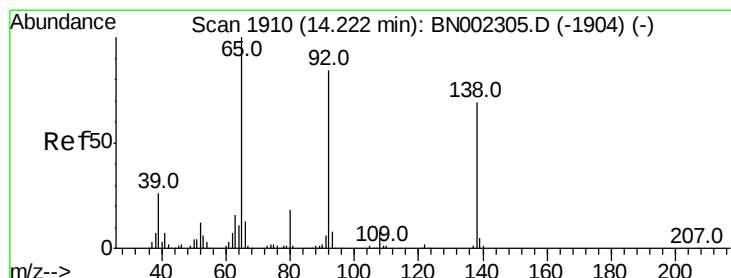
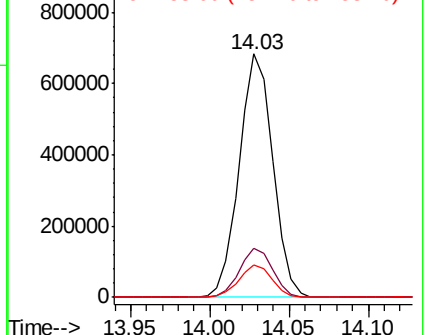
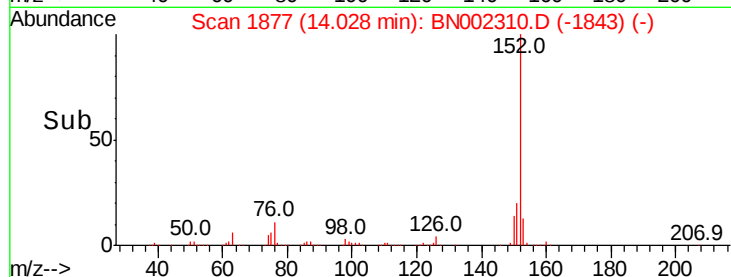
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.1  | 15.7  | 23.5  |
| 153 | 13.4  | 10.5  | 15.7  |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.709 ng/ul

RT: 14.22 min Scan# 1910

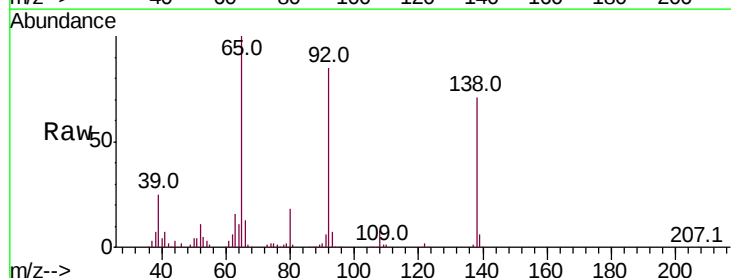
Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Tgt Ion:138 Resp: 166561

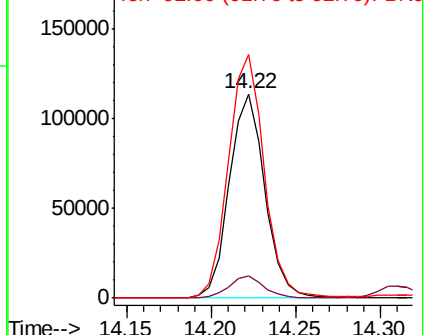
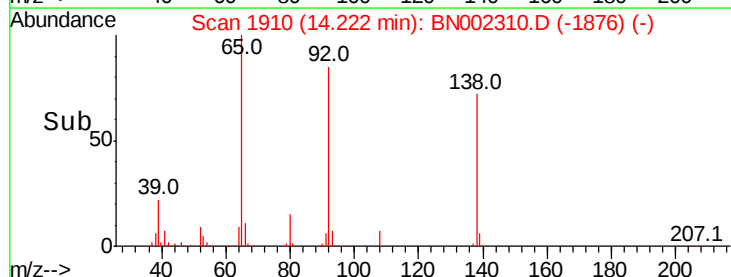
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.9  | 8.7   | 13.1  |
| 92  | 119.2 | 88.2  | 132.4 |

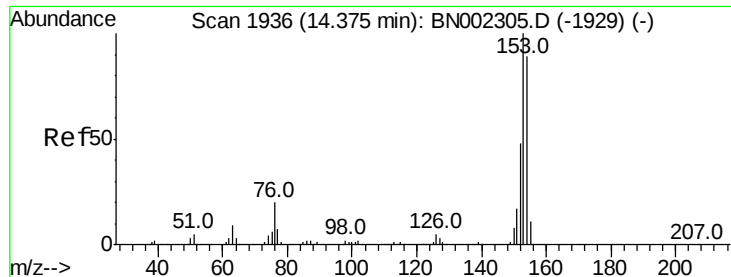


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 21.040 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

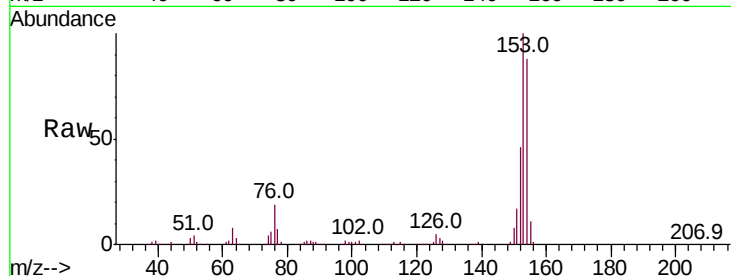
Tot Ion:153 Resp: 705435

Ion Ratio Lower Upper

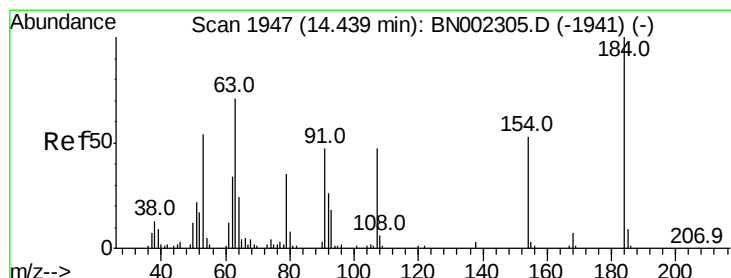
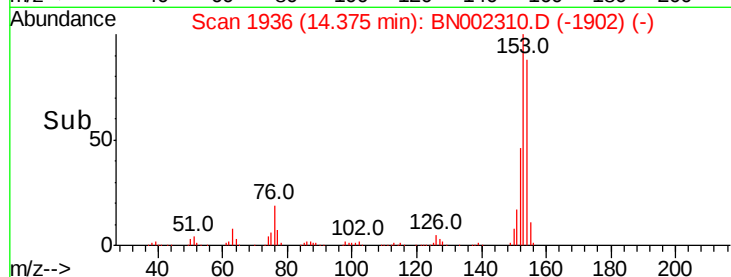
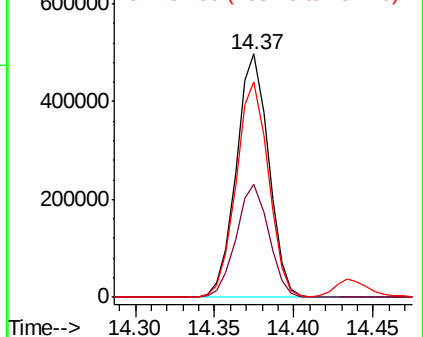
153 100

152 46.2 38.3 57.5

154 88.4 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E  
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 19.625 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

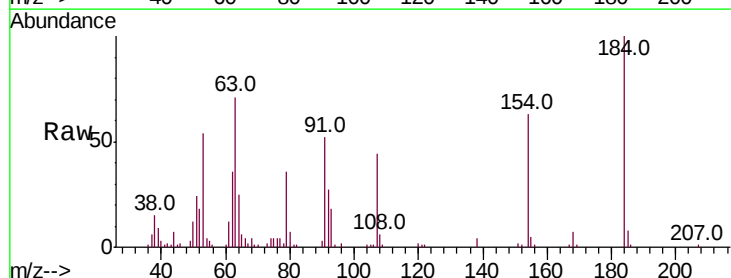
Tgt Ion:184 Resp: 94682

Ion Ratio Lower Upper

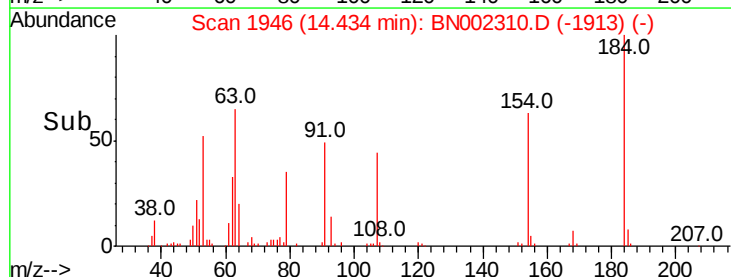
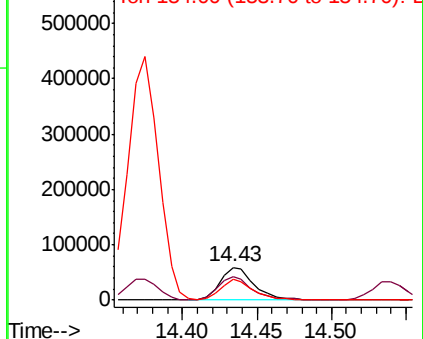
184 100

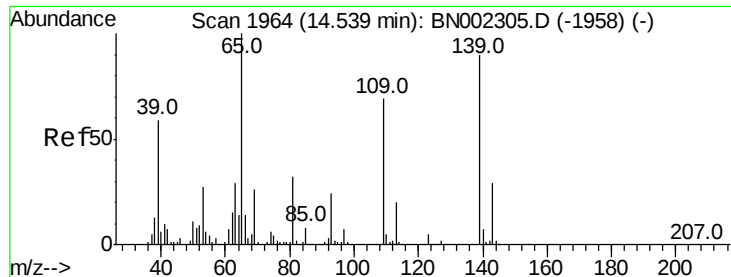
63 70.9 76.0 114.0#

154 63.4 300.0 450.0#



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BNC  
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.052 ng/ul

RT: 14.54 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

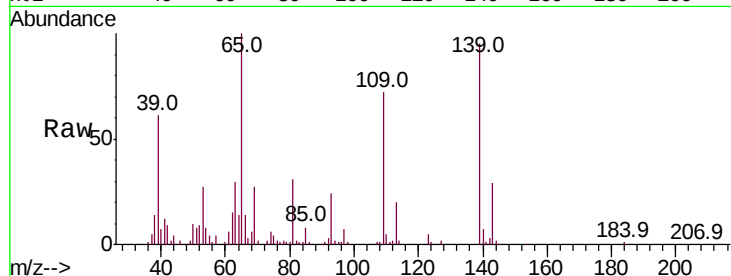
Tot Ion:109 Resp: 122745

Ion Ratio Lower Upper

109 100

139 131.3 103.7 155.5

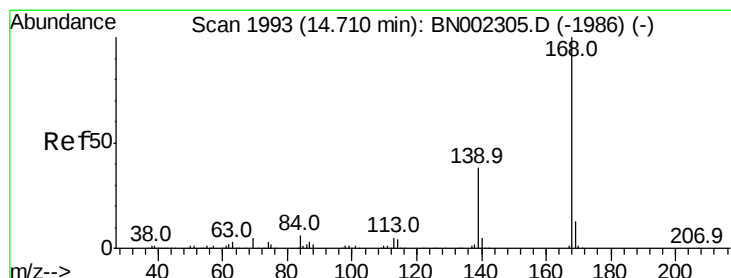
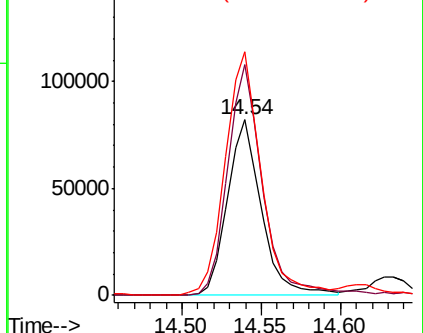
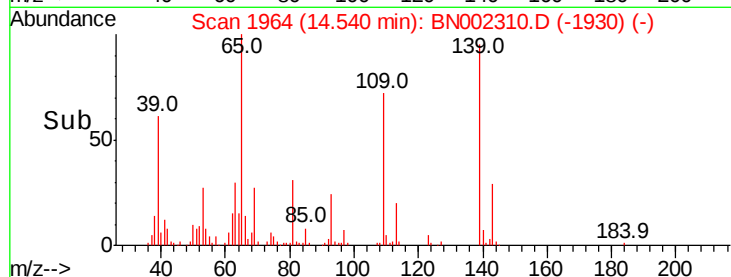
65 138.6 89.4 134.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#53

Dibenzofuran

Concen: 20.969 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BN002310.D

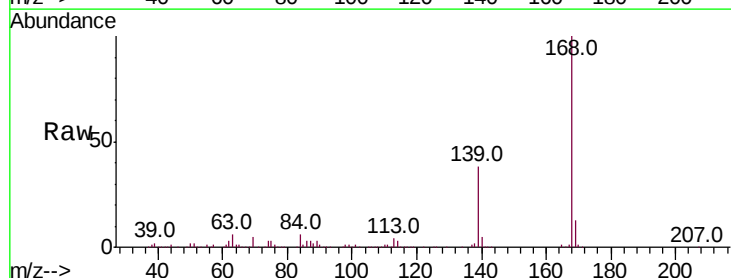
Acq: 13 Aug 2018 17:34

Tgt Ion:168 Resp: 991876

Ion Ratio Lower Upper

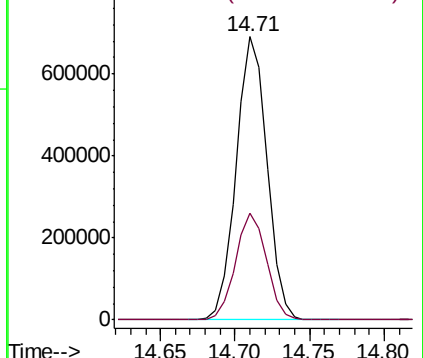
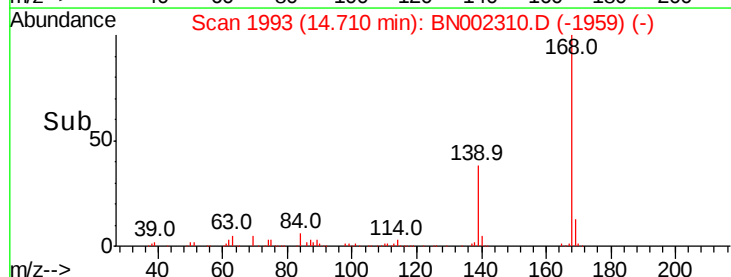
168 100

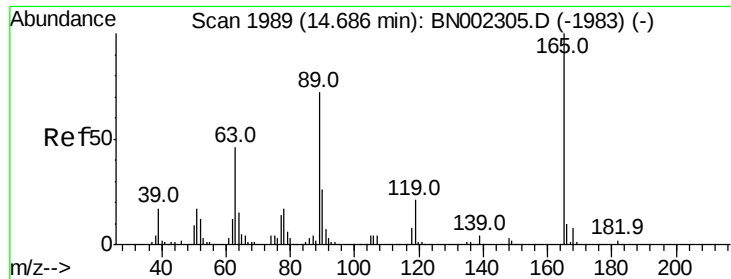
139 37.9 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.847 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampled :

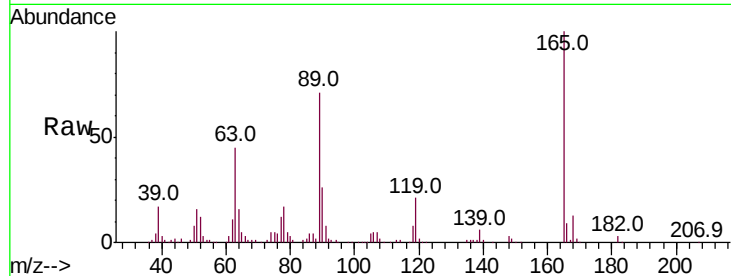
Tot Ion:165 Resp: 265619

Ion Ratio Lower Upper

165 100

63 45.4 29.8 44.6#

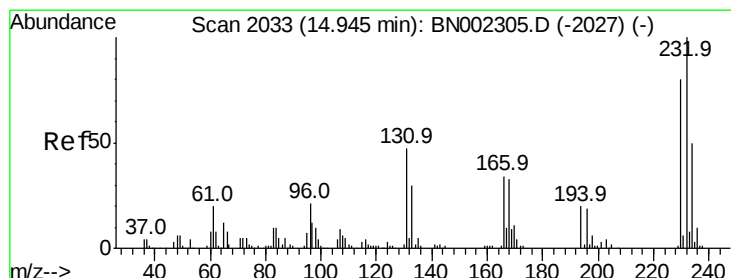
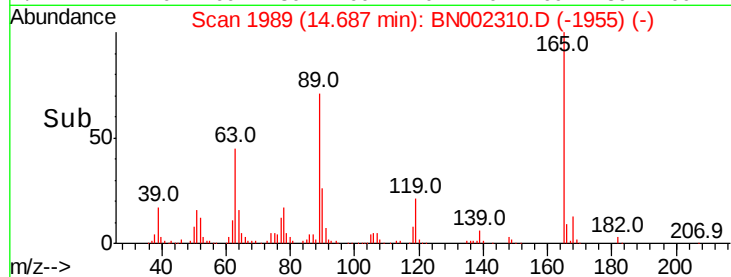
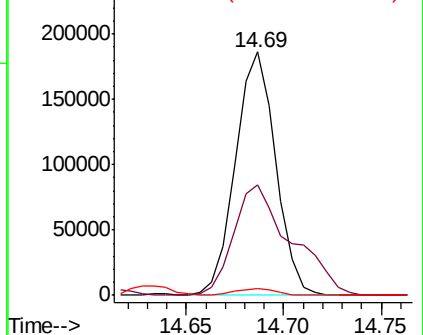
182 3.0 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 21.481 ng/ul

RT: 14.95 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Tgt Ion:232 Resp: 192166

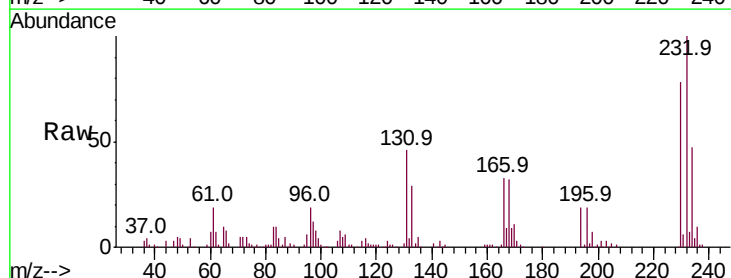
Ion Ratio Lower Upper

232 100

131 45.8 39.4 59.2

130 2.2 2.2 3.2#

166 33.2 26.6 39.8

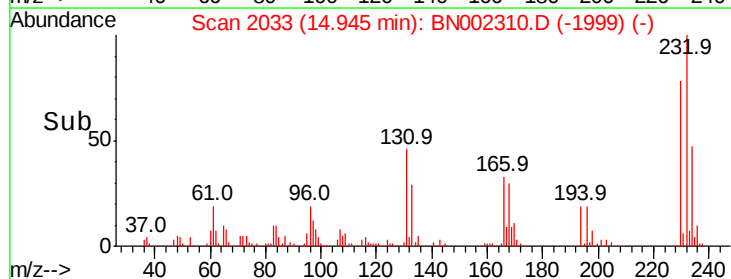
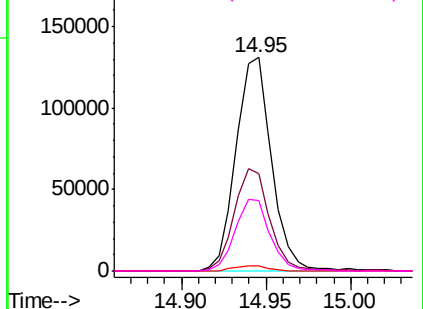


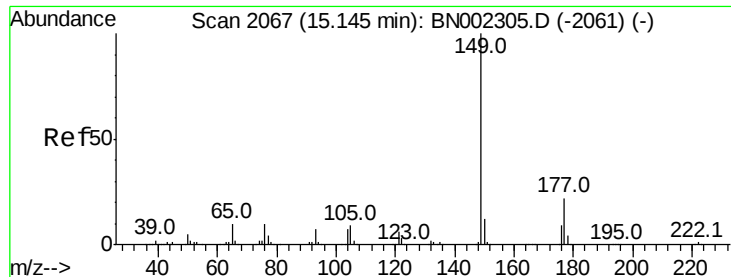
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

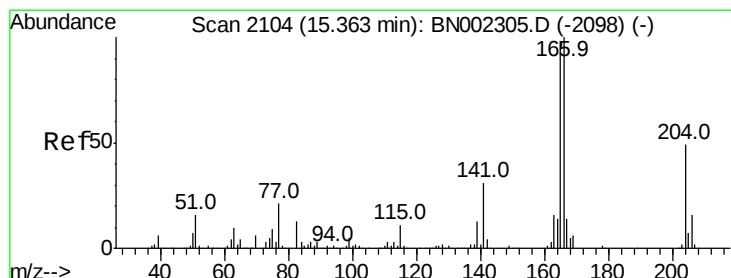
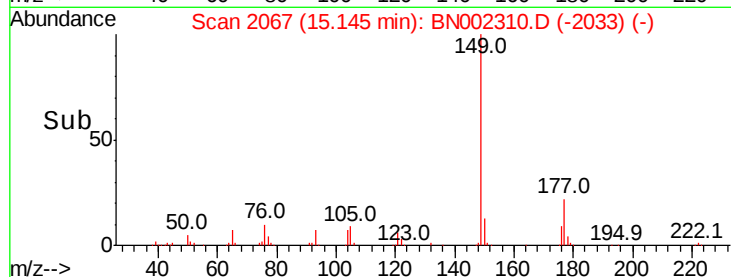
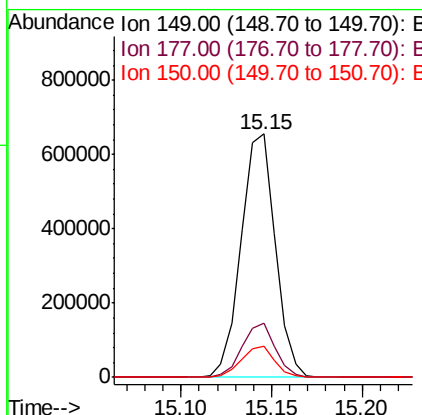
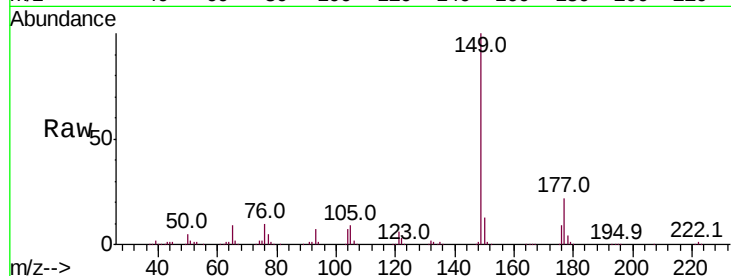




#56  
Diethylphthalate  
Concen: 21.153 ng/ul  
RT: 15.15 min Scan# 2067  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

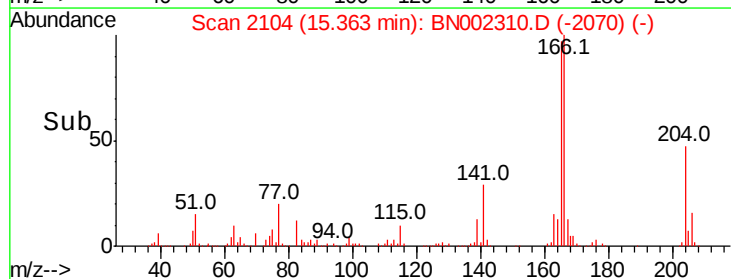
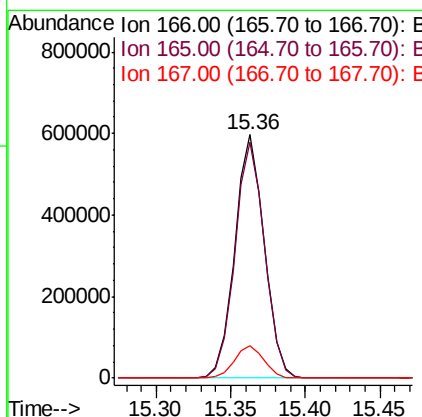
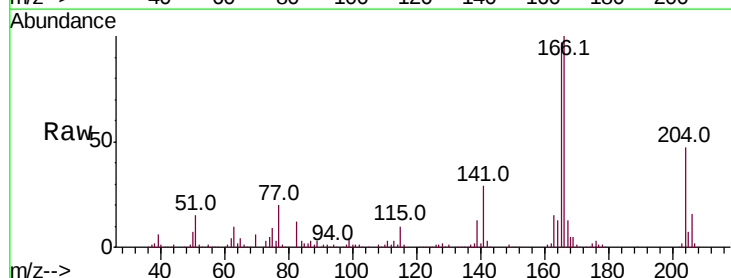
Instrument :  
BNA\_N  
ClientSampleId :

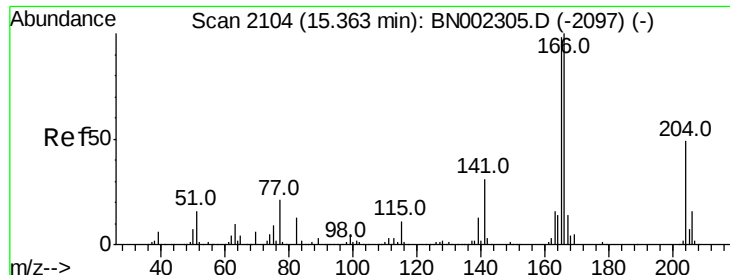
Tot Ion:149 Resp: 861400  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.4 26.2  
150 12.7 10.0 15.0



#58  
Fluorene  
Concen: 21.124 ng/ul  
RT: 15.36 min Scan# 2104  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Tgt Ion:166 Resp: 817491  
Ion Ratio Lower Upper  
166 100  
165 96.8 78.5 117.7  
167 13.4 10.7 16.1





#59

4-Chlorophenyl-phenylether

Concen: 21.020 ng/ul

RT: 15.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampled :

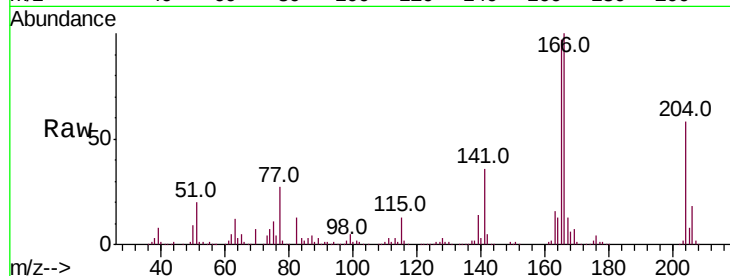
Tot Ion:204 Resp: 401503

Ion Ratio Lower Upper

204 100

206 31.4 26.2 39.4

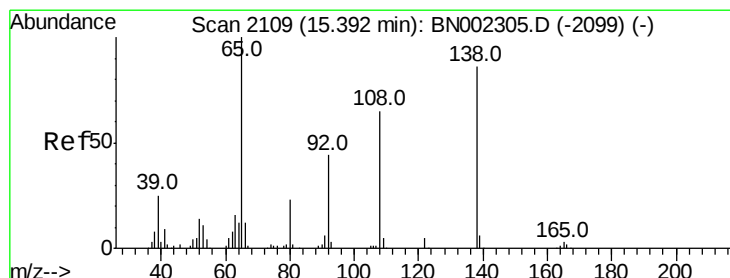
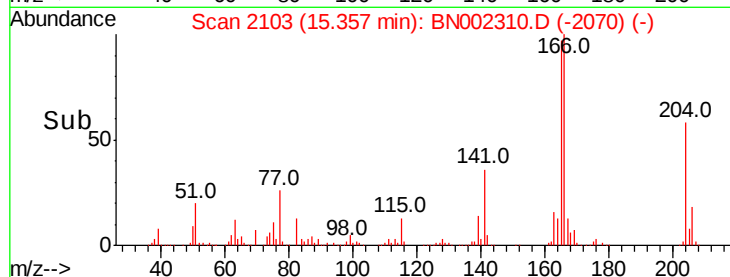
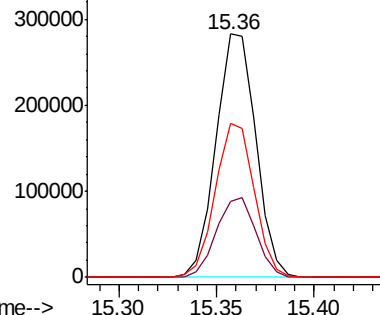
141 63.3 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 20.986 ng/ul

RT: 15.39 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

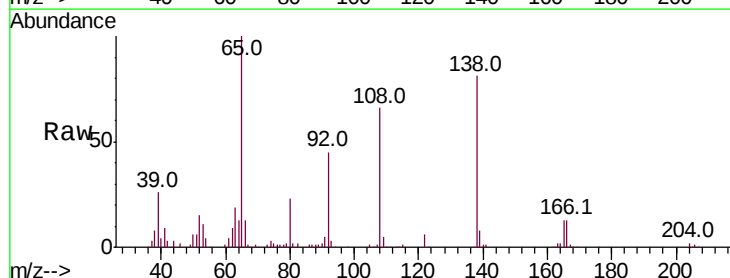
Tgt Ion:138 Resp: 208082

Ion Ratio Lower Upper

138 100

92 54.9 40.6 60.8

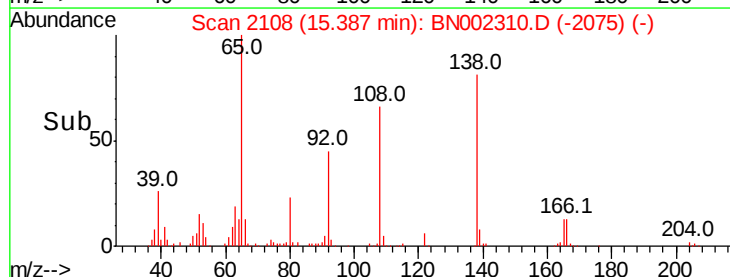
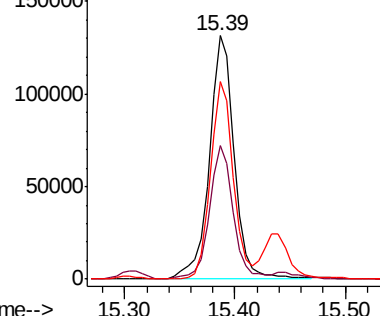
108 81.2 67.0 100.6

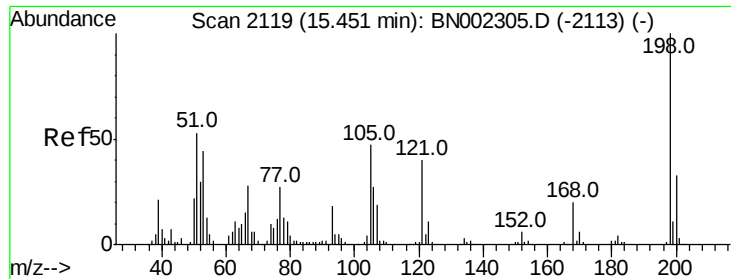


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

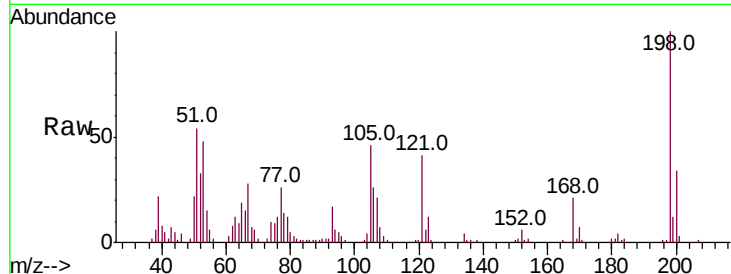




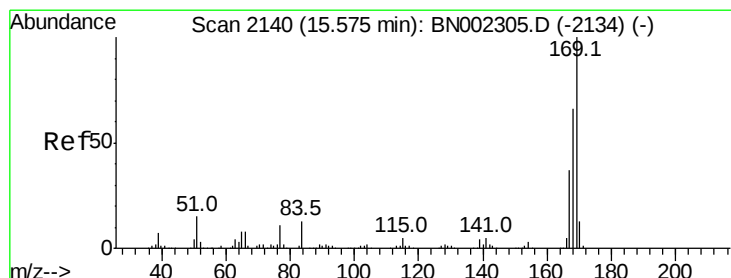
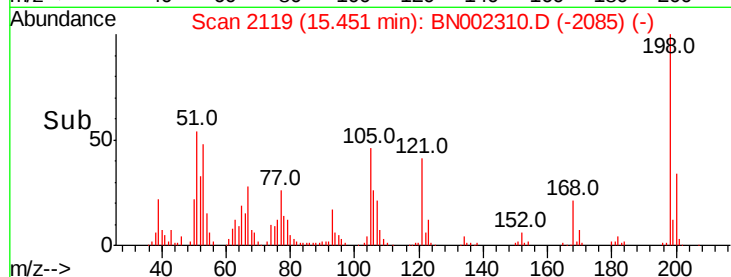
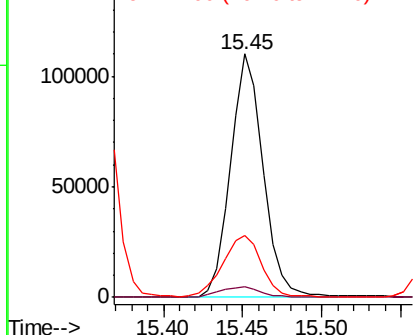
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 20.807 ng/ul  
 RT: 15.45 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 4.5   | 3.1   | 4.7   |
| 77      | 25.5  | 20.1  | 30.1  |

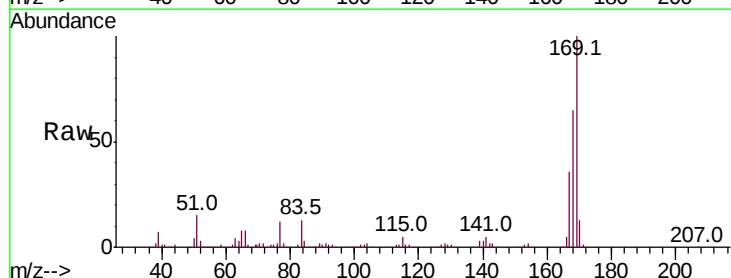


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BNC

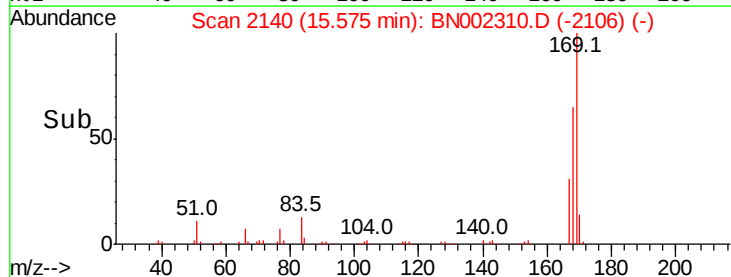
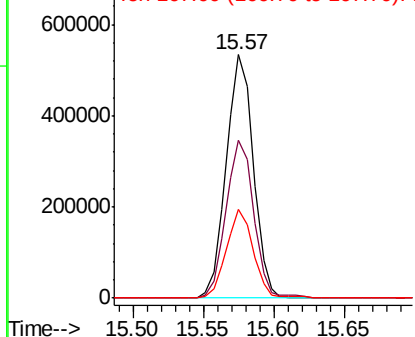


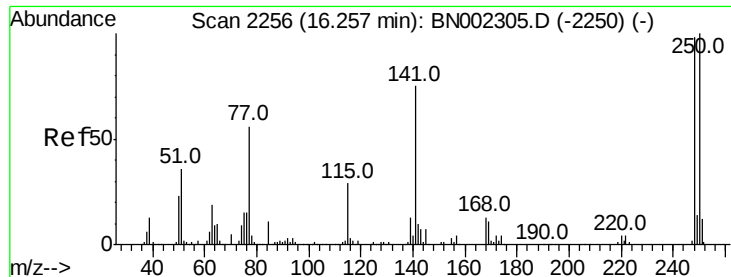
#64  
 N-Nitrosodiphenylamine  
 Concen: 21.300 ng/ul  
 RT: 15.57 min Scan# 2140  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.1  | 53.8  | 80.8  |
| 167     | 36.3  | 29.3  | 43.9  |



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

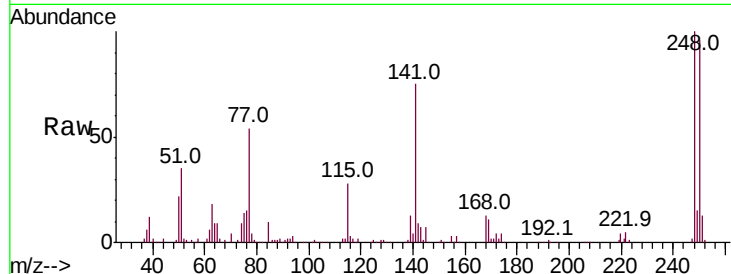




#65  
 4-Bromophenyl-phenylether  
 Concen: 21.226 ng/ul  
 RT: 16.26 min Scan# 2256  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.2  | 78.7  | 118.1 |
| 141     | 75.5  | 72.2  | 108.2 |

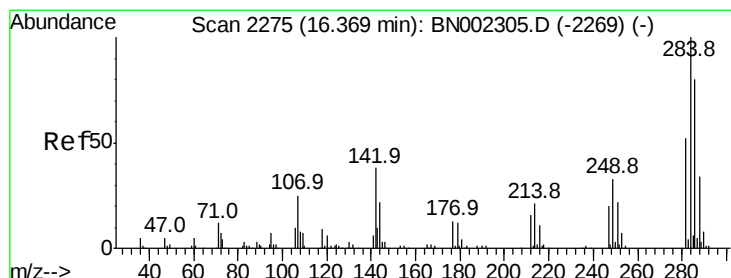
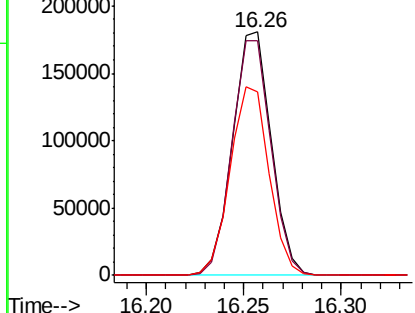
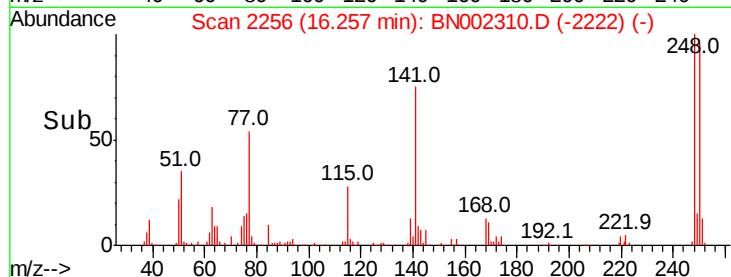


Abundance

Ion 248.00 (247.70 to 248.70): E

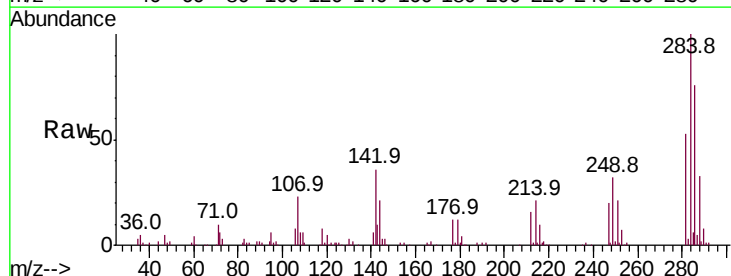
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66  
 Hexachlorobenzene  
 Concen: 21.266 ng/ul  
 RT: 16.37 min Scan# 2275  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.0  | 33.1  | 49.7  |
| 249     | 31.9  | 27.1  | 40.7  |

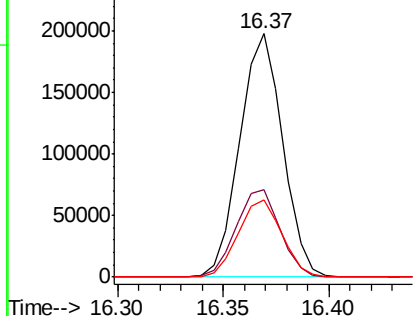
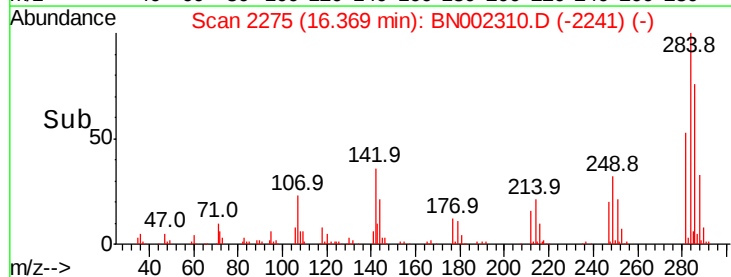


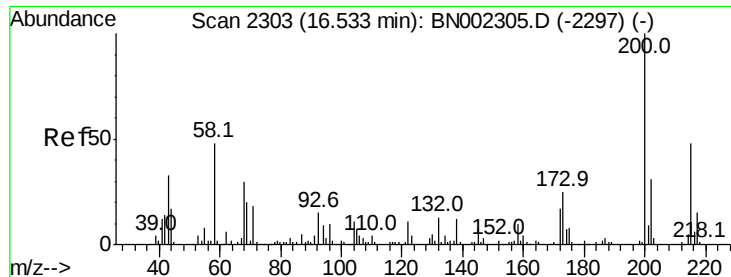
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

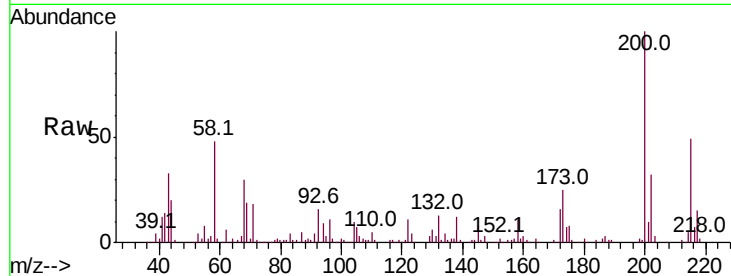




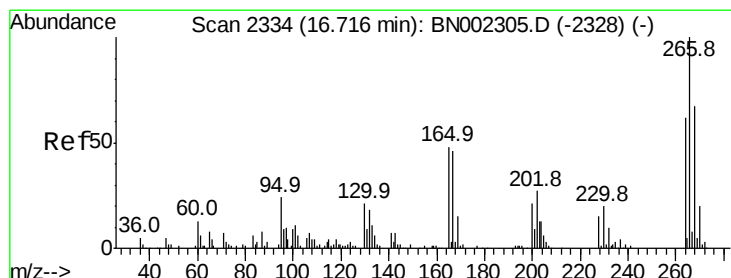
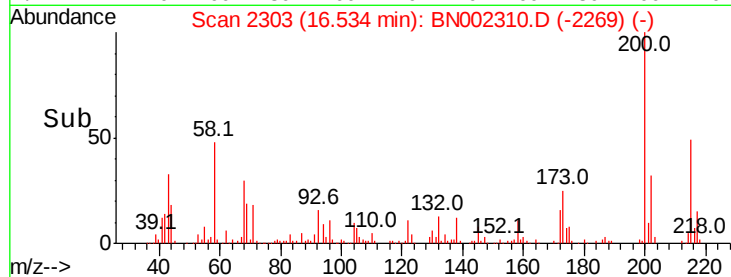
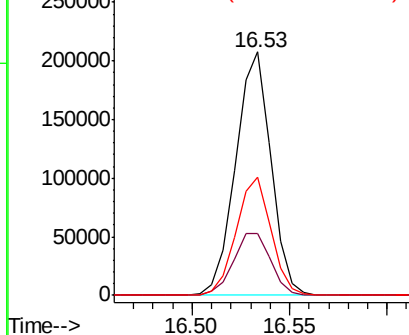
#67  
 Atrazine  
 Concen: 21.228 ng/ul  
 RT: 16.53 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.4  | 21.6  | 32.4  |
| 215     | 48.8  | 37.0  | 55.4  |

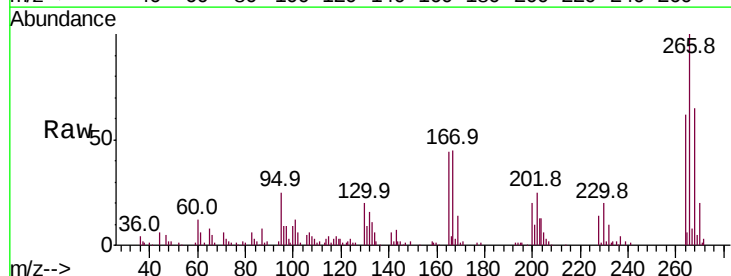


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

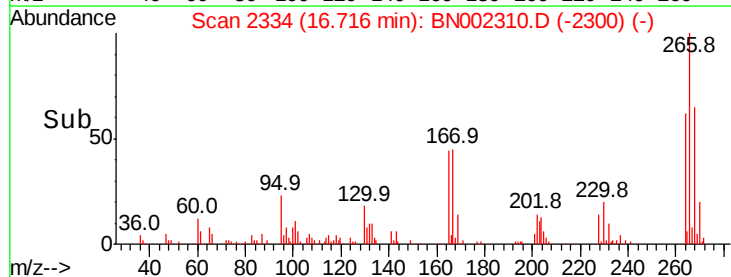
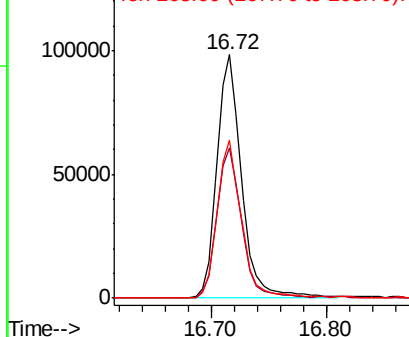


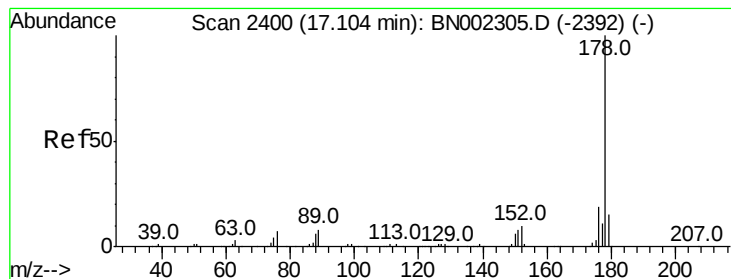
#68  
 Pentachlorophenol  
 Concen: 19.935 ng/ul  
 RT: 16.72 min Scan# 2334  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 61.6  | 50.5  | 75.7  |
| 268     | 65.1  | 50.9  | 76.3  |



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.940 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

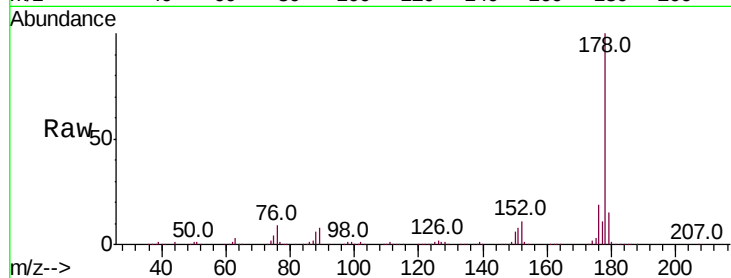
Tot Ion:178 Resp: 1326146

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

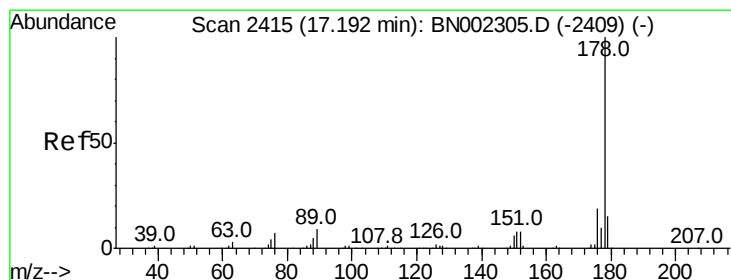
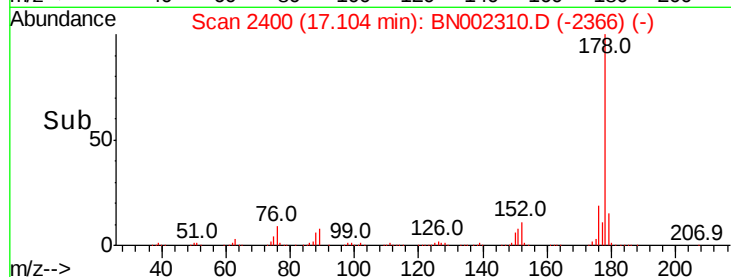
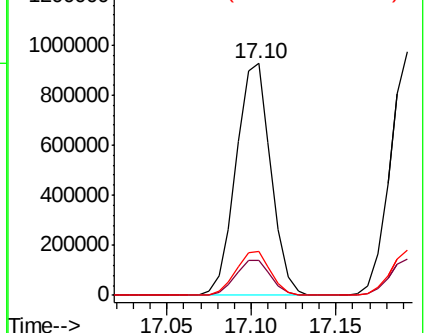
176 19.0 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.321 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

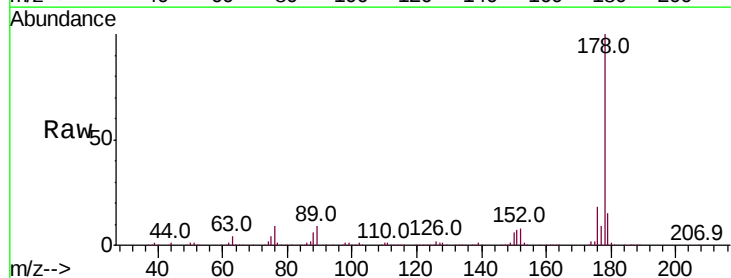
Tgt Ion:178 Resp: 1369477

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

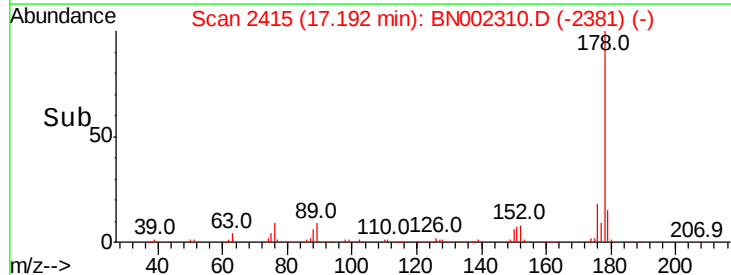
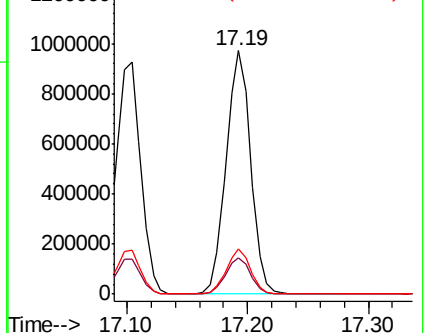
176 18.4 14.8 22.2

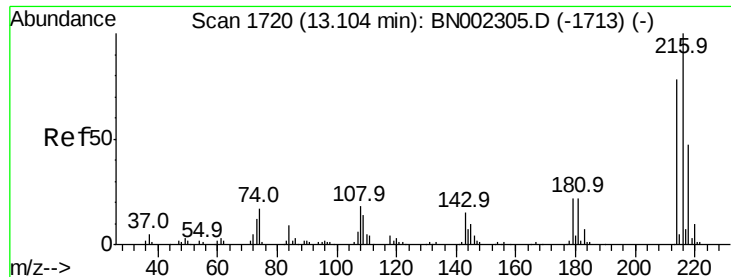


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 20.942 ng/uL

RT: 13.10 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

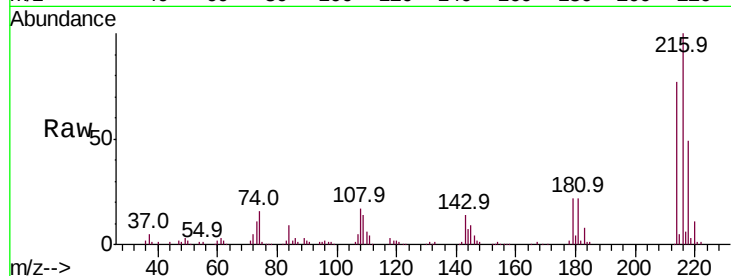
Tot Ion:216 Resp: 336391

Ion Ratio Lower Upper

216 100

214 77.5 62.5 93.7

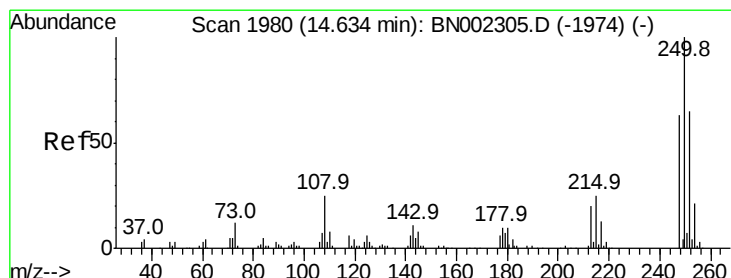
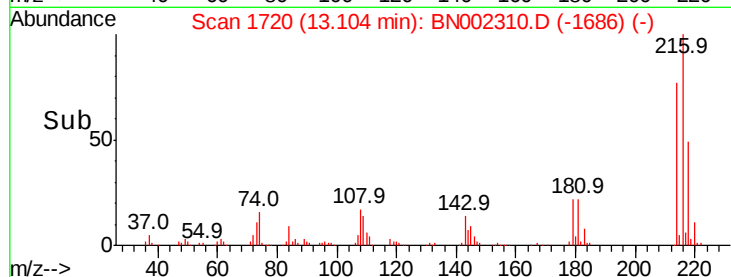
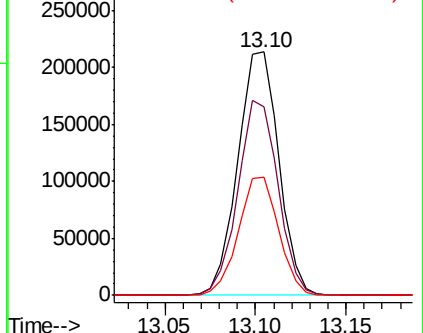
218 48.8 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 20.589 ng/uL

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

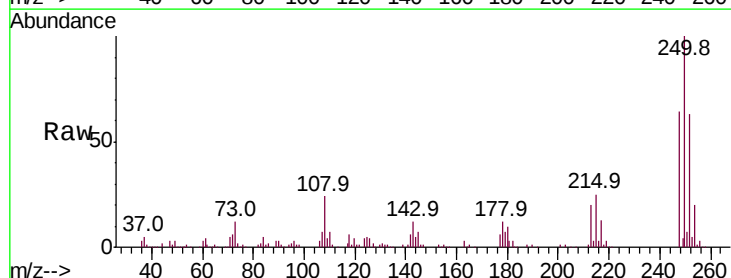
Tgt Ion:250 Resp: 315222

Ion Ratio Lower Upper

250 100

248 63.6 50.6 75.8

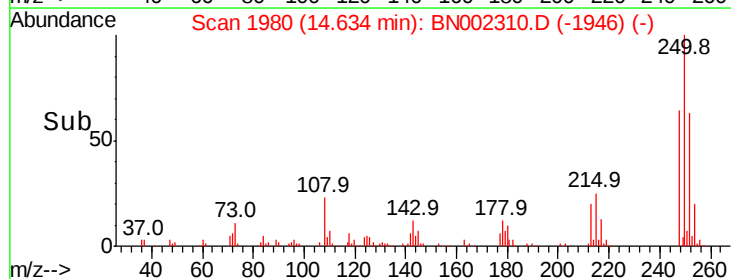
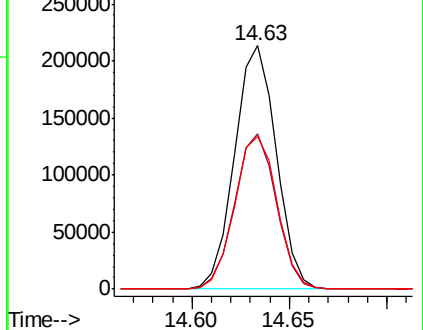
252 62.9 51.4 77.0

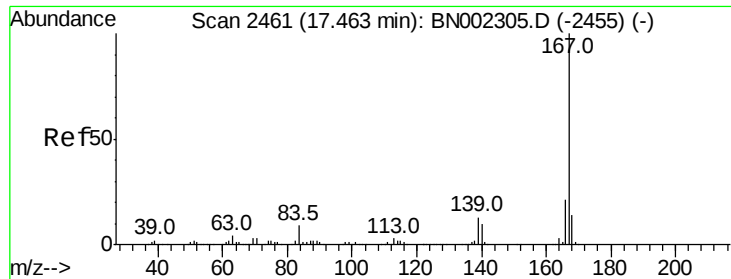


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 21.481 ng/ul

RT: 17.46 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampled :

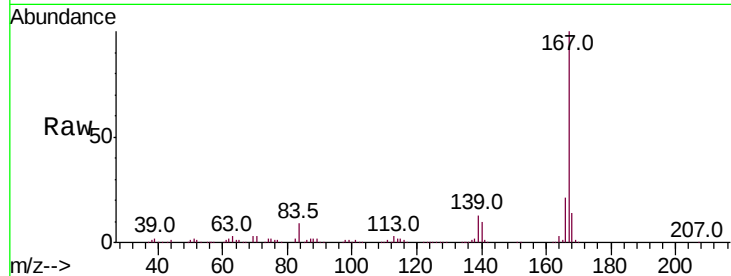
Tot Ion:167 Resp: 1223578

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

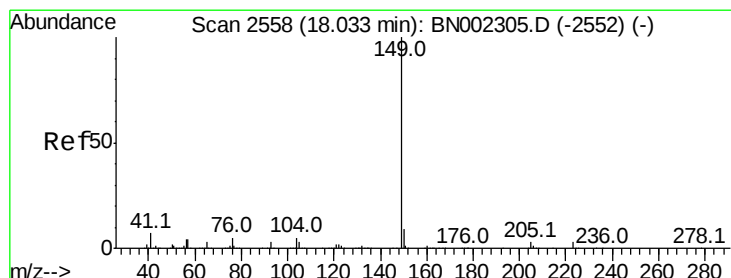
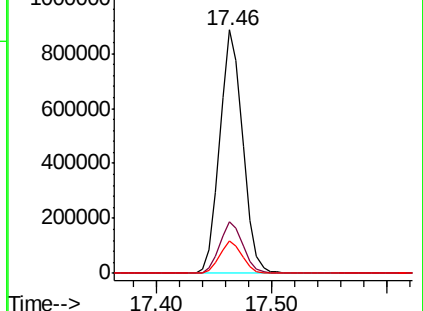
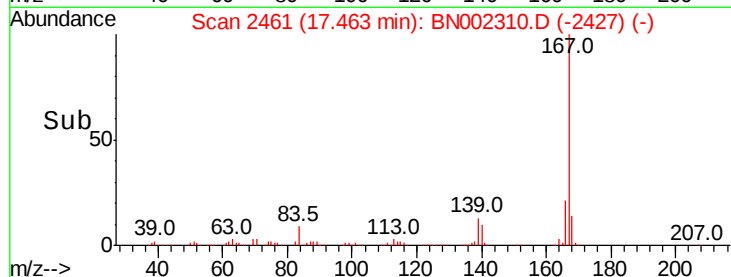
139 13.4 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 21.532 ng/ul

RT: 18.03 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

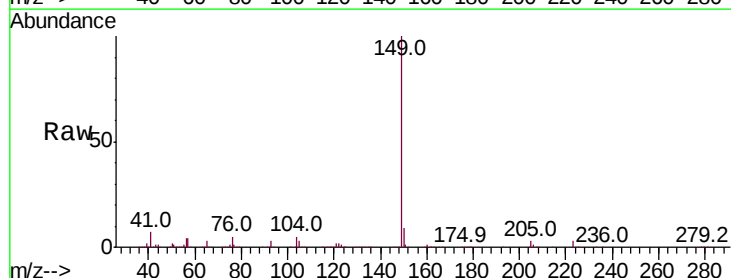
Tgt Ion:149 Resp: 1490995

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

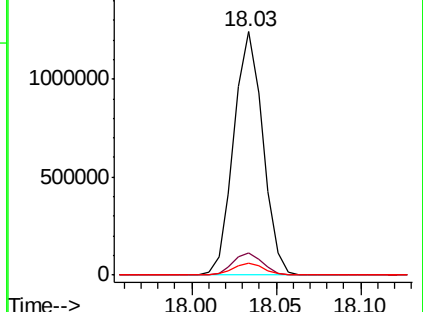
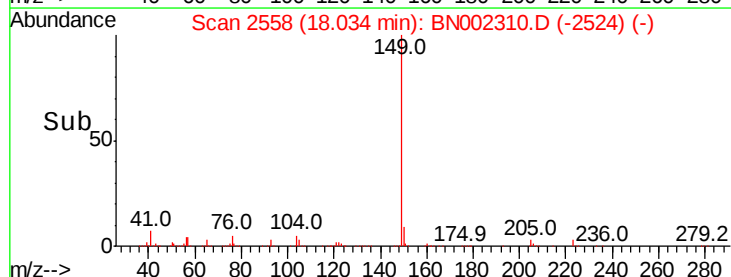
104 5.1 4.0 6.0

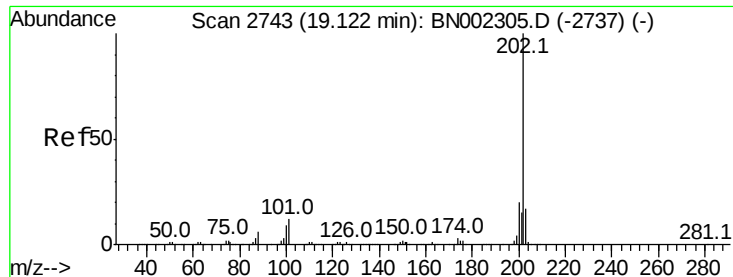


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

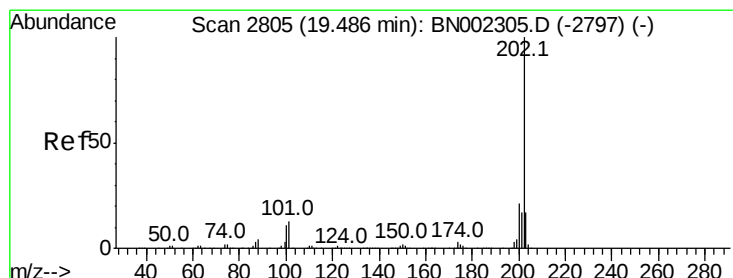
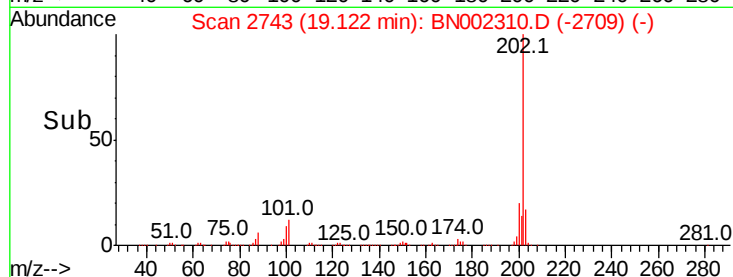
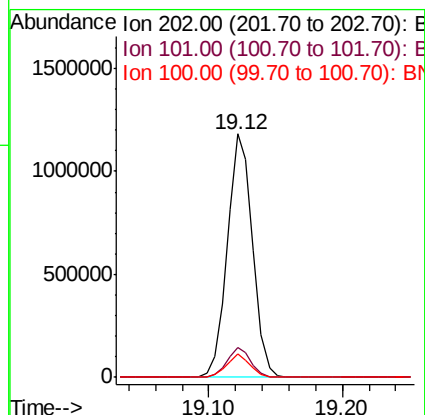
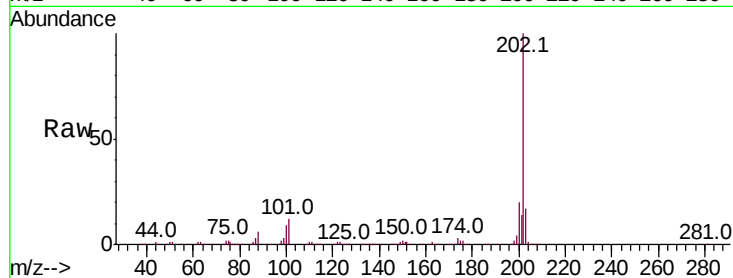




#76  
 Fluoranthene  
 Concen: 21.670 ng/ul  
 RT: 19.12 min Scan# 2743  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

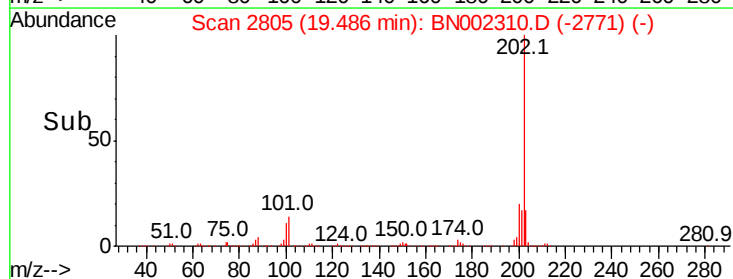
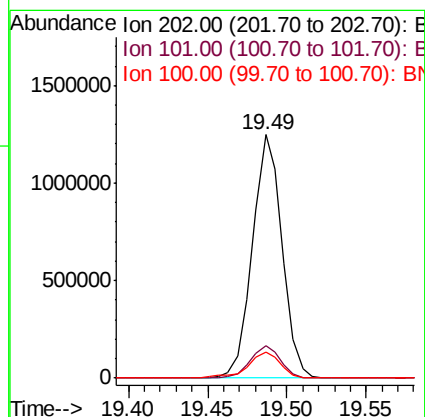
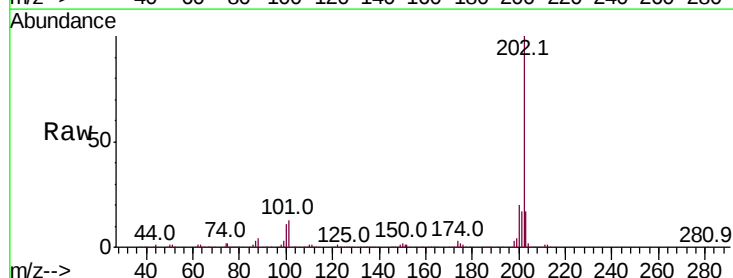
Instrument :  
 BNA\_N  
 ClientSampleId :

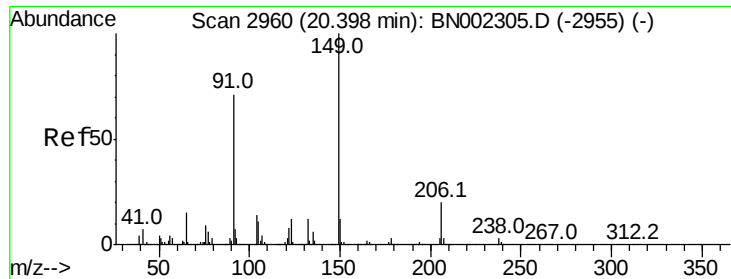
Tot Ion:202 Resp: 1561960  
 Ion Ratio Lower Upper  
 202 100  
 101 12.1 8.8 13.2  
 100 9.4 6.6 9.8



#79  
 Pyrene  
 Concen: 21.396 ng/ul  
 RT: 19.49 min Scan# 2805  
 Delta R.T. 0.00 min  
 Lab File: BN002310.D  
 Acq: 13 Aug 2018 17:34

Tgt Ion:202 Resp: 1614867  
 Ion Ratio Lower Upper  
 202 100  
 101 13.5 10.2 15.2  
 100 10.8 8.5 12.7

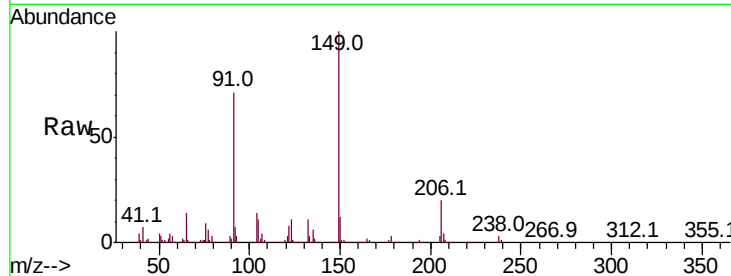




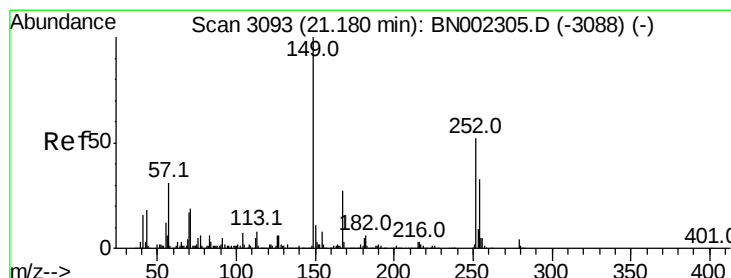
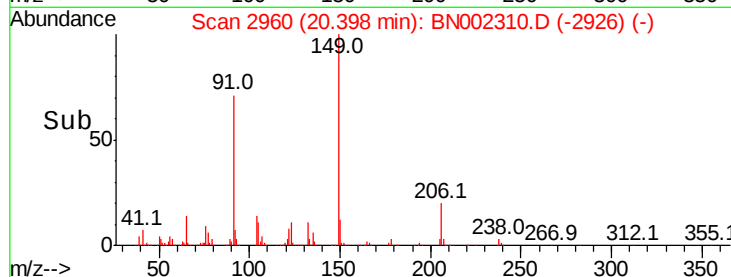
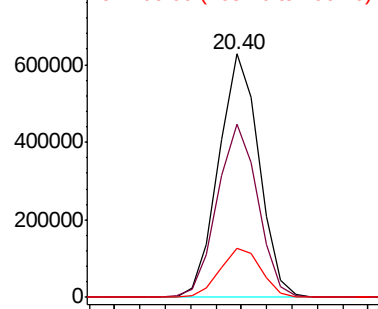
#80  
Butylbenzylphthalate  
Concen: 21.758 ng/ul  
RT: 20.40 min Scan# 2960  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.1  | 53.4  | 80.2  |
| 206     | 20.3  | 16.6  | 24.8  |

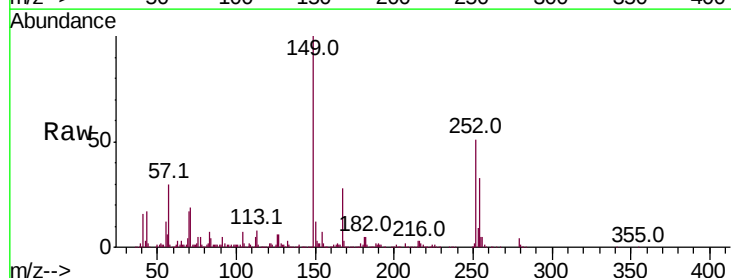


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BNA  
Ion 206.00 (205.70 to 206.70): E

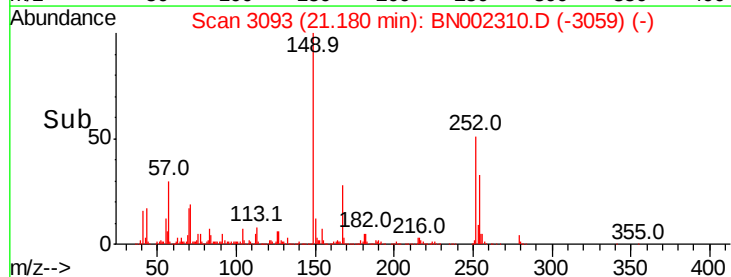
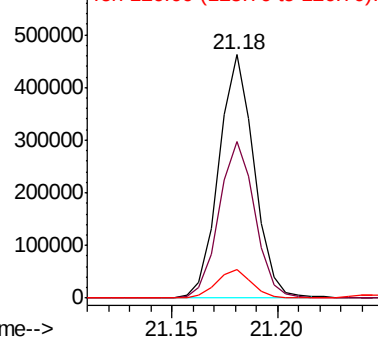


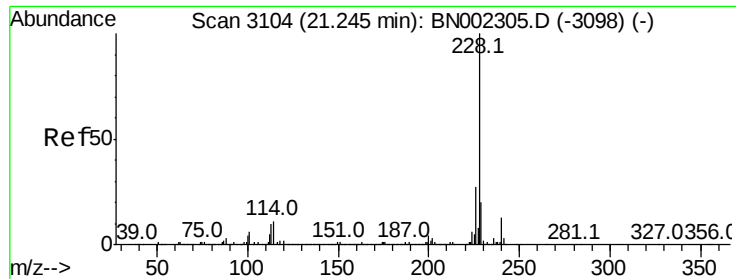
#81  
3,3'-Dichlorobenzidine  
Concen: 21.456 ng/ul  
RT: 21.18 min Scan# 3093  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 52.2  | 78.2  |
| 126     | 11.5  | 9.4   | 14.2  |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E

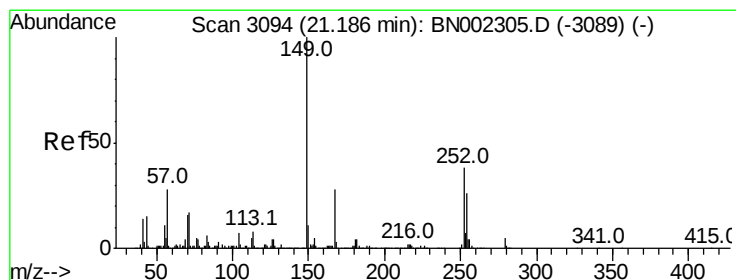
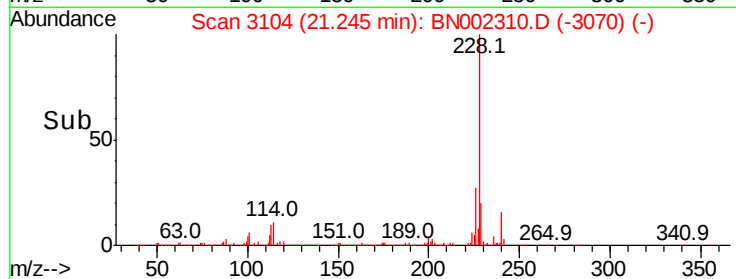
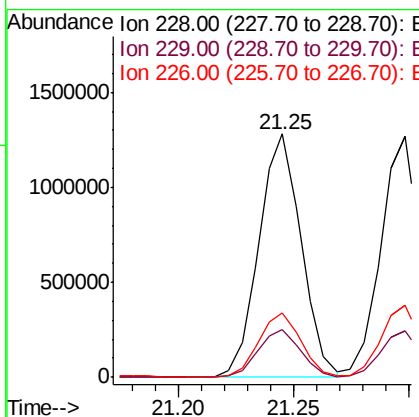
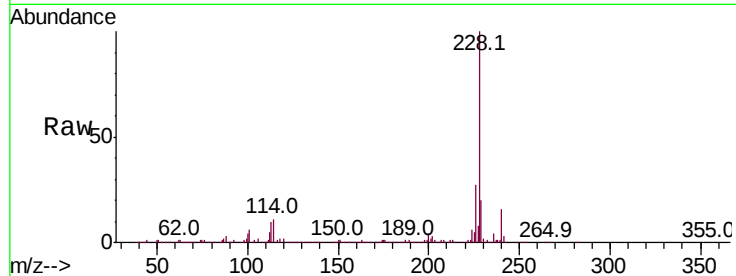




#82  
Benzo(a)anthracene  
Concen: 21.245 ng/ul  
RT: 21.25 min Scan# 3104  
Delta R.T. 0.00 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

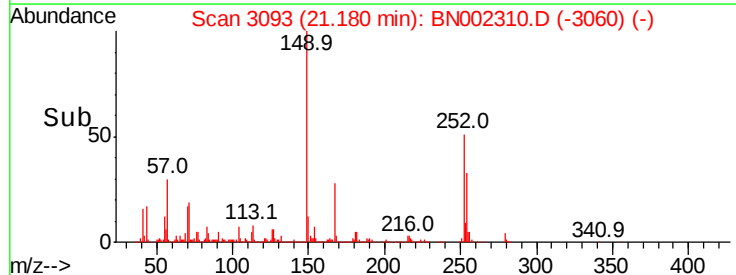
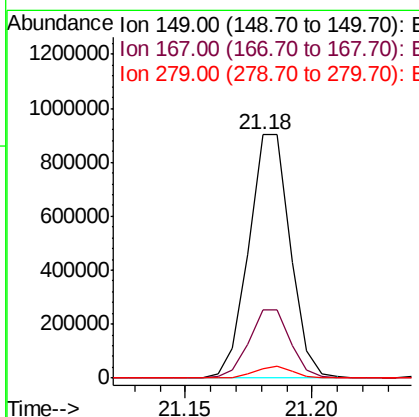
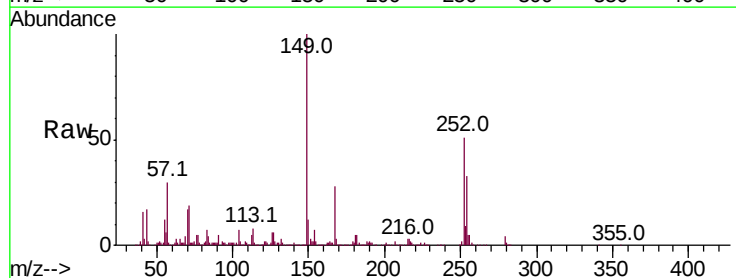
Instrument :  
BNA\_N  
ClientSampleId :

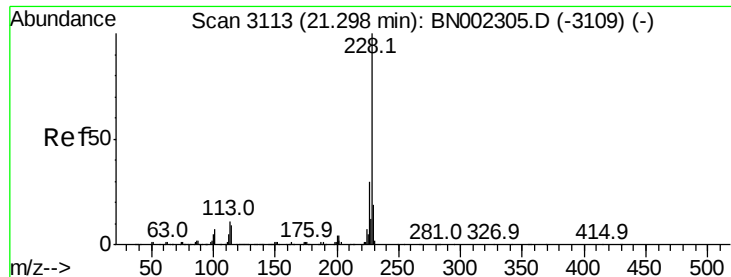
Tot Ion:228 Resp: 1629140  
Ion Ratio Lower Upper  
228 100  
229 19.8 15.7 23.5  
226 26.6 21.8 32.6



#83  
Bis(2-ethylhexyl)phthalate  
Concen: 21.606 ng/ul  
RT: 21.18 min Scan# 3093  
Delta R.T. -0.01 min  
Lab File: BN002310.D  
Acq: 13 Aug 2018 17:34

Tgt Ion:149 Resp: 1036365  
Ion Ratio Lower Upper  
149 100  
167 27.8 21.6 32.4  
279 4.0 3.0 4.4





#84

Chrysene

Concen: 21.097 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

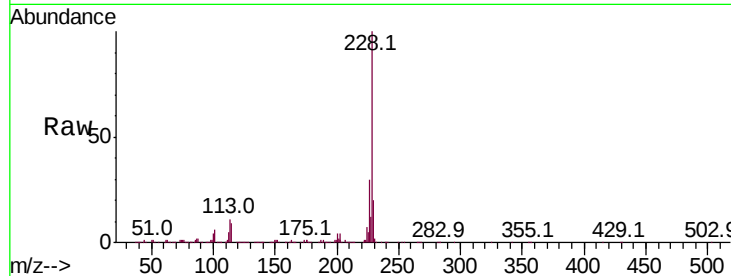
Tot Ion:228 Resp: 1531205

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

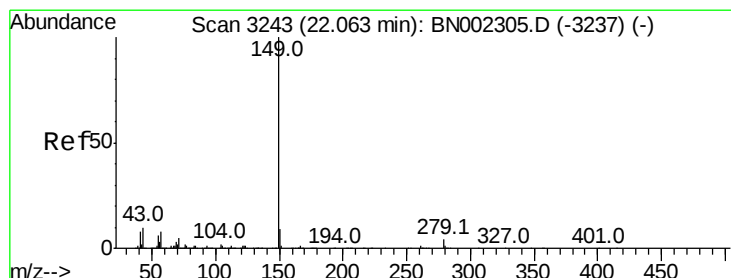
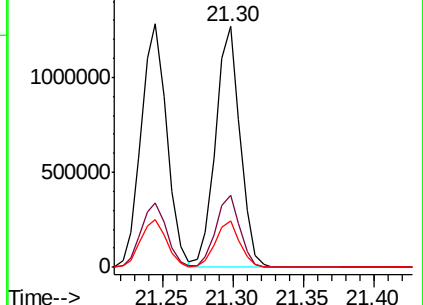
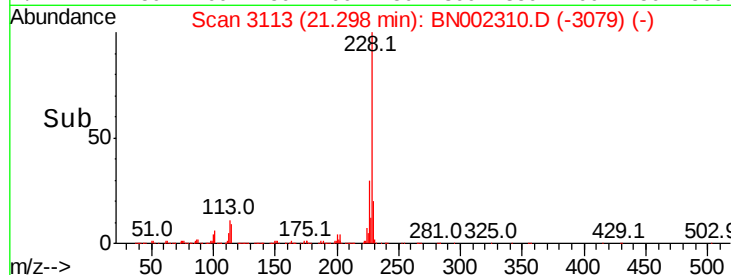
229 19.5 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 21.082 ng/ul

RT: 22.06 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

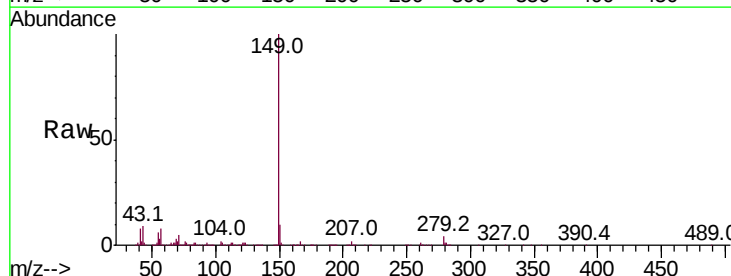
Tgt Ion:149 Resp: 1792956

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

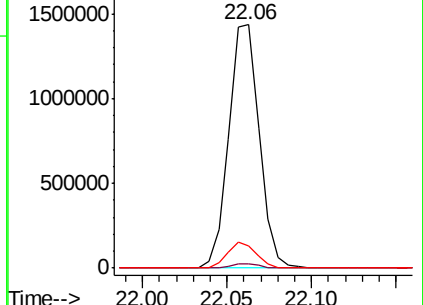
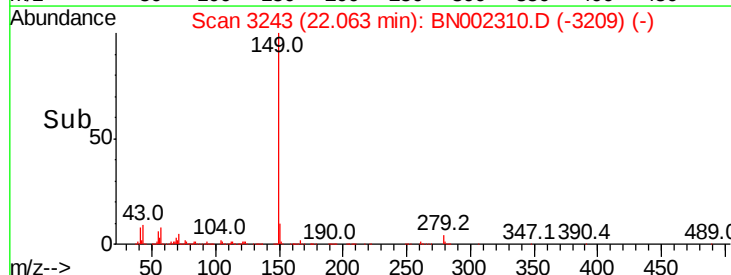
43 9.3 5.6 8.4#

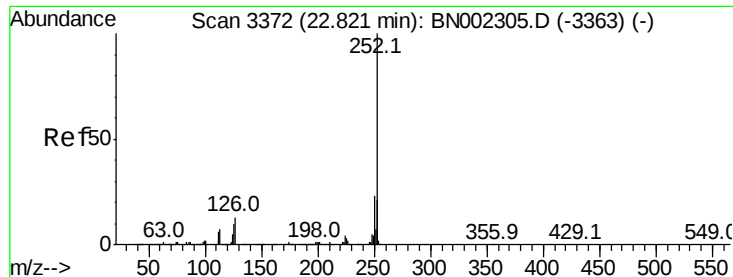


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#87

Benzo(b)fluoranthene

Concen: 20.418 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampled :

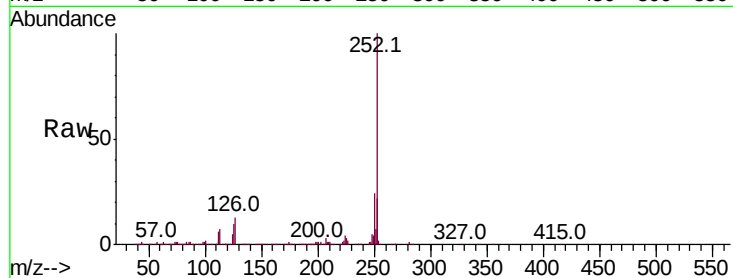
Tot Ion:252 Resp: 1637901

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

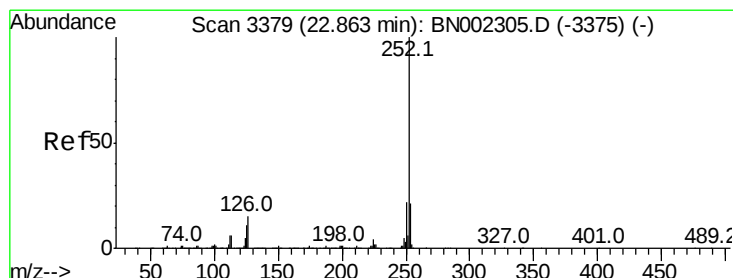
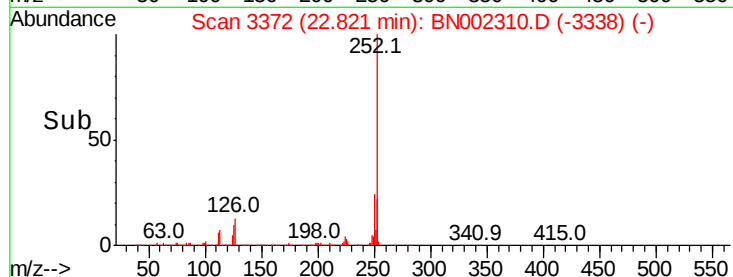
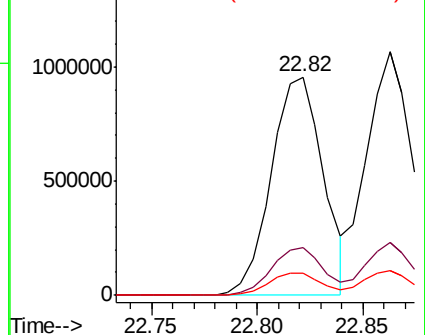
125 10.2 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 21.517 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

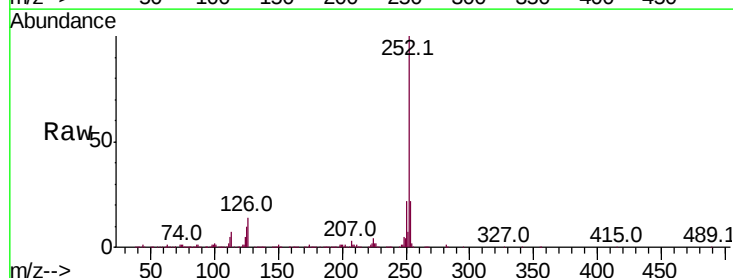
Tgt Ion:252 Resp: 1626085

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

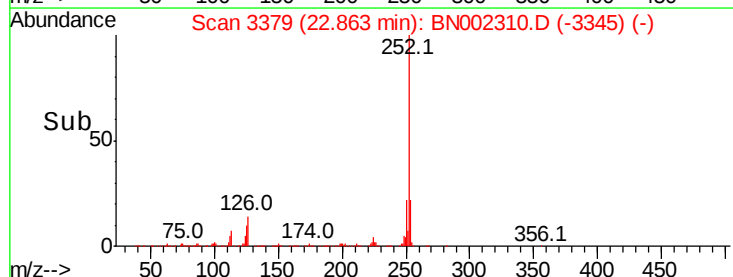
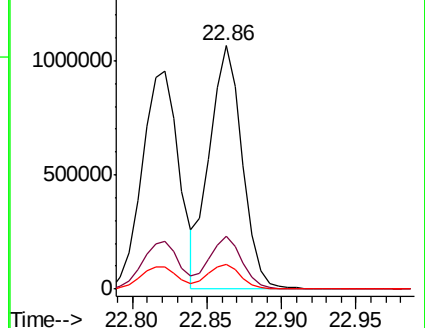
125 10.1 8.2 12.2

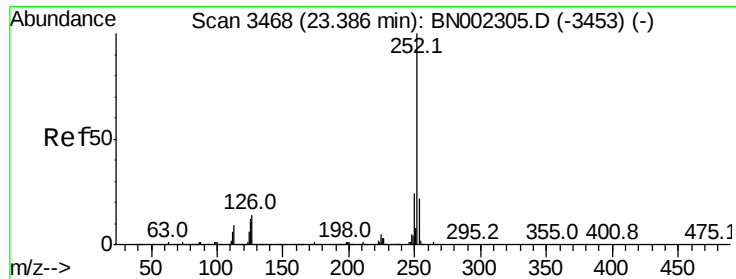


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.772 ng/ul

RT: 23.39 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Instrument :

BNA\_N

ClientSampleId :

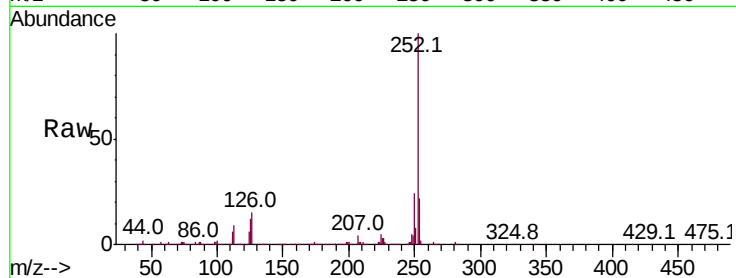
Tot Ion:252 Resp: 1587313

Ion Ratio Lower Upper

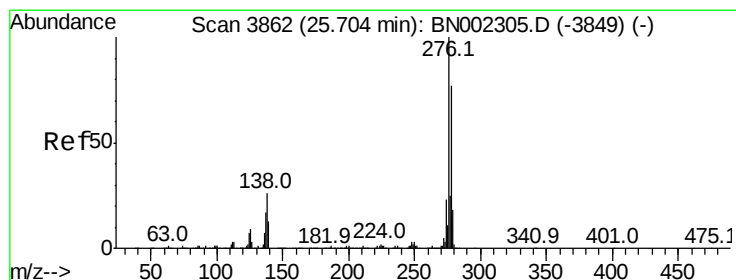
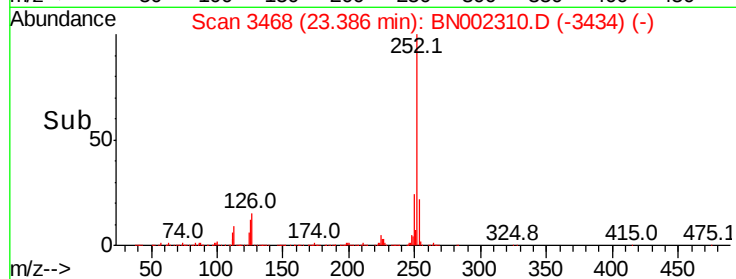
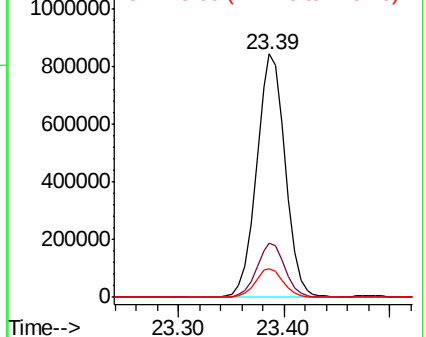
252 100

253 22.4 17.2 25.8

125 11.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.862 ng/ul

RT: 25.71 min Scan# 3863

Delta R.T. 0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

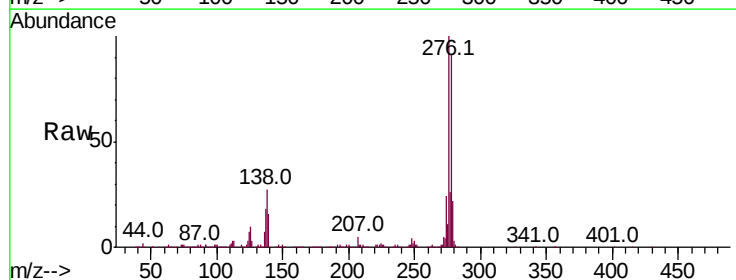
Tgt Ion:276 Resp: 1896541

Ion Ratio Lower Upper

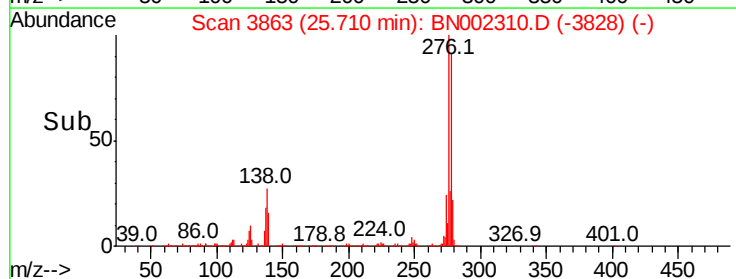
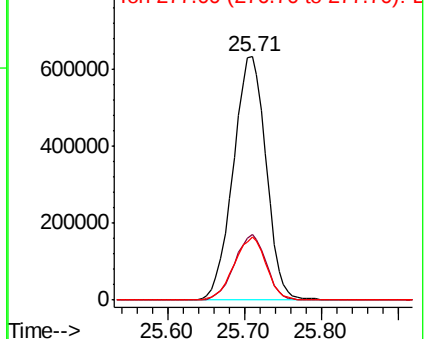
276 100

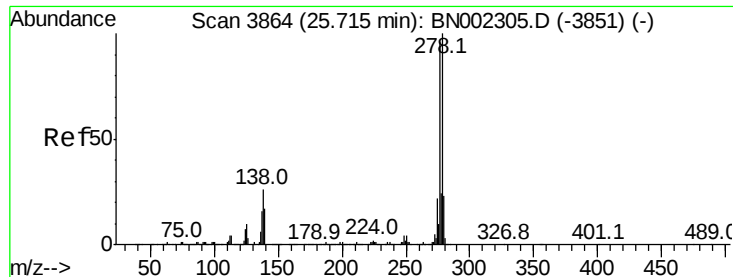
138 26.9 22.3 33.5

277 25.7 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 20.892 ng/ul

RT: 25.72 min Scan# 3864

Delta R.T. 0.00 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

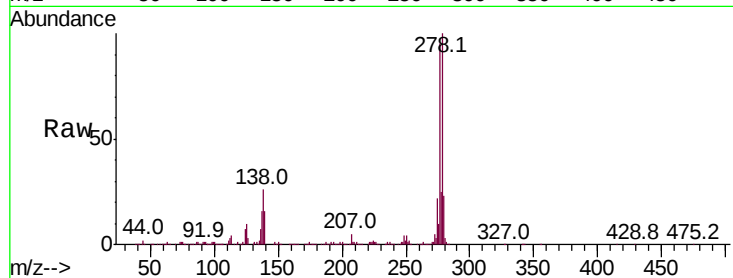
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:278 Resp: 1587818

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.2  | 13.9  | 20.9  |
| 279 | 23.4  | 19.0  | 28.4  |

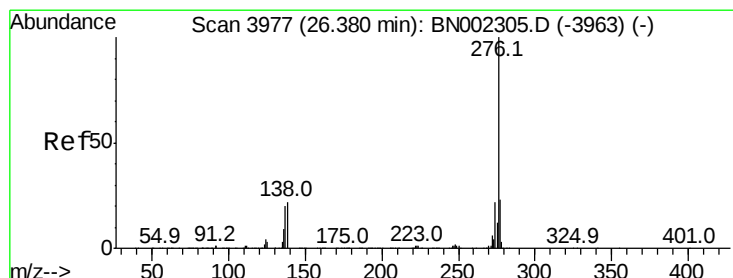
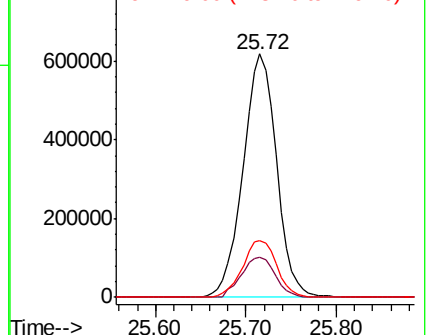
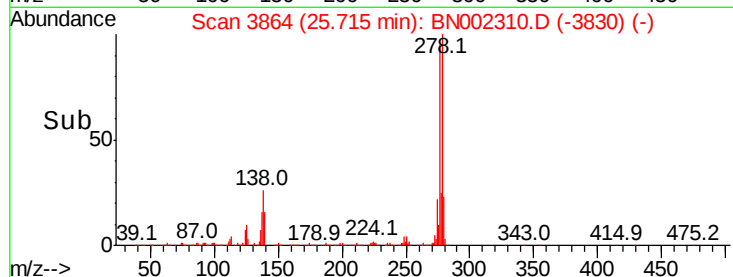


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 20.738 ng/ul

RT: 26.39 min Scan# 3978

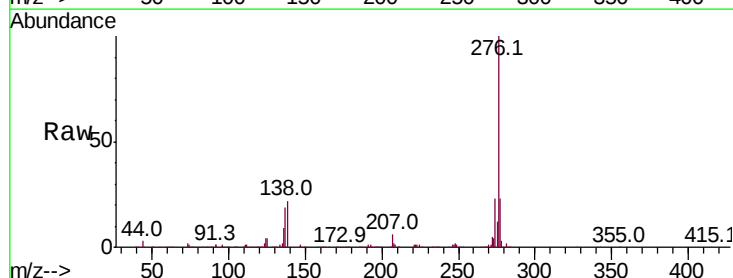
Delta R.T. 0.01 min

Lab File: BN002310.D

Acq: 13 Aug 2018 17:34

Tgt Ion:276 Resp: 1573051

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 21.9  | 18.9  | 28.3  |
| 277 | 22.9  | 19.2  | 28.8  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

